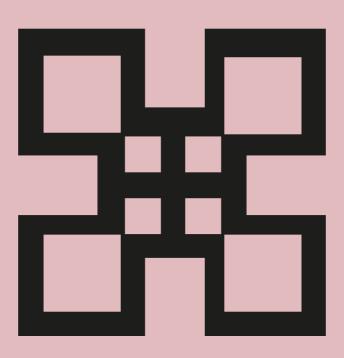
### **Professional Learning Community Handbook**

## **Management in Living**

**Year Two** 









### Professional Learning Community Handbook

# Management in Living

**Year Two** 









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#### **Foreword**

As Minister for Education, I am delighted to introduce this handbook on Professional Learning Communities (PLCs). The handbook provides practical guidance and resources for teachers to establish and sustain effective PLCs that will drive quality pedagogy and enhance learning outcomes.

Weekly Professional Learning Community (PLC) sessions are the backbone of this Government's commitment to continuous teacher development in every Senior High School. These PLC sessions enable teachers to come together to master the pedagogy, content and assessment needed to successfully implement Ghana's SHS curriculum.

By fostering a culture of collaboration and continuous improvement through PLCs, teachers can enhance their understanding of the new SHS curriculum and effectively facilitate learning in the classroom. This will contribute to our country's resetting agenda by educating a generation of young people with the skills needed to progress to further studies, the world of work and adult life.

PLC sessions are critically important and should be treated with the utmost seriousness. Transforming our education system is a partnership between government, teachers, parents and learners. As teachers gain experience with the new curriculum and assessment regime, PLC sessions can also be tailored to discuss specific issues of concern as a group. It is important that teachers are heard and respected. We have listened to your concerns about PLCs and have factored this feedback into the new Year 2 Subject-Specific PLC Handbooks.

The Handbooks have been designed to be more flexible in structure than those for Year One. Each PLC Handbook is supported by a Subject-Specific App developed by the National Council for Curriculum and Assessment (NaCCA) linked to the revised curriculum. These Apps will help teachers to plan learning activities, assessments and differentiated learning. From our early interactions with teachers to develop and test these Apps we can see the level of excitement about their potential to save teachers time and improve their teaching and learning. These Ghanaian-owned Apps are the first of their kind at this scale anywhere in Africa, helping teachers save time and deliver lessons that truly meet the needs of every learner. I am confident that it will have a significant impact on our education system and ultimately benefit our students, teachers, and communities. All teachers are encouraged to embrace the principles and

practices outlined in this handbook and to work together to build strong, vibrant PLCs that promote enhanced learning outcomes.

I commend the authors and contributors for their tireless efforts in developing this valuable resource, which will enhance the quality of teaching and learning. Thank you to each one of you for your dedication and commitment to helping build the Ghana we want, together.

Haruna Iddrisu, MP

Minister of Education

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### **Links to APPs**

Year One App



https://www.playlab.ai/project/cmekev1070atdlloudetpyfqp

Year Two App



https://www.playlab.ai/project/cme6hcu7o0i1rm30udu4jxxlt

### PLC Session 0: Introduction to the Year Two Professional Learning Community Handbook and the Subject Specific App

### 1.0 Introduction and Purpose of the Handbook (15 minutes)

The purpose of the Year Two Professional Learning Community (PLC) Handbook is to support teachers to effectively deliver the new Senior High School (SHS) curriculum. This Handbook is accompanied by a Subject Specific App tailored to SHS curriculum. The App is designed to assist teachers with lesson planning, delivery and assessment. The Subject Specific App uses information directly from the following materials:

- 1. Curriculum
- 2. Teacher Manual
- 3. Learner Materials
- 4. Vision and Philosophy of the SHS curriculum
- 5. 21st century skills and competencies
- 6. National Teachers' Standards
- West African Examinations Council (WAEC) Scheme of Assessment and Detailed Syllabus
- 8. Learning Planning Template
- 9. Teacher Assessment Manual and Toolkit
- 10. Socio Emotional Learning
- 11. National Values
- 12. Gender Equality and Social Inclusion (GESI), etc.

**Learning Outcome (LO):** To explore how the Subject Specific App can assist teachers with lesson planning, delivery and assessment (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g–3k and 3o).

**Learning Indicator (LI) 1:** Use the Subject Specific App to explore the Year Two Curriculum Materials (Teacher Manual and Learner Materials)

**Learning Indicator (LI) 2:** Discuss the advantages and disadvantages of using the Subject Specific App to design lessons and assessment strategies.

### 2.0 Exploring the Subject Specific App (65 minutes)

2.1 Scan the QR Code or use the link to access your Subject Specific App- <a href="https://www.playlab.ai/project/cme6hcu700i1rm30udu4jxxlt">https://www.playlab.ai/project/cme6hcu700i1rm30udu4jxxlt</a>



2.2 Have a chat with the Subject Specific App (NTS 3j).

#### E.g.

- **a.** Select a section and the number of lessons you have in a week to start the App
- **b.** Provide information about your class. For instance, the number of learners in your class, etc.
- Select a week you are interested in and continue chatting with your App
- **d.** Refer to your Teacher Manual and confirm the information provided by the App or otherwise



#### Note

Always refer to your Teacher Manual to confirm the information the App provides.

2.3 Explore the following key areas using the App (NTS 2b, 2c, 2e and 3a-3q)

#### E.g.

#### a. Learning activities

I have a 60-minute lesson in a rural farming community in Lawra without enough tables and chairs. I can have my lesson outside the classroom if possible.

#### b. Assessments

Based on the recommended assessments for the week how can I assess my learners at level 2 at the end of the lesson. I want to give one question during the lesson and one at the end as homework

#### c. Differentiation strategies

There are two learners in wheelchairs. Another one cannot hear unless you speak very loudly. Finally, 5 leaners are comfortable in the local language than in English. How can they be catered for in the lesson and assessment?

#### Hint



Remember to ask your App to help you add 21<sup>st</sup> Century Skills, National Values, GESI and SEL to your learning activities, assessment, etc., where applicable.

- 2.4 Share your experience with the larger group (NTS 3j).
  - two things you learnt using the App and how you plan to apply them.
  - b. two advantages of using the App
  - c. two disadvantages of using the App without the appropriate curriculum materials (e.g. Teacher Manual, etc.)

#### 3.0 Reflection

- **3.1** Reflect and share your views on the session (NTS1a, 1b).
- **3.2** Remember to read PLC Session 0.5 and bring along your laptop in preparation for next week's session.

### PLC SESSION 0.5: Using the Subject Specific App to deliver assessments at appropriate DoK levels

#### 1.0 Introduction (10 minutes)

**1.1** Read and discuss the purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session

**Purpose:** The purpose of this session is to refresh our knowledge and understanding of assessment in the SHS curriculum. WAEC's visits to schools show that teachers are generally doing well with setting assessment tasks at DoK Levels 1 and 2 but there are issues with Levels 3 and 4. This session will look at how the subject specific App can assist teachers in developing assessments at all DoK Levels.

**Learning Outcome (LO):** To strengthen teachers' skills and competencies in developing assessment tasks and items to reflect all the DoK Levels (NTS 3k, 3o-3p).

**Learning Indicator (LI) 1:** Use the subject specific App to develop assessments linked to the learning indicators and the required DoK levels.

**Learning Indicator (LI) 2:** Use the subject specific App to review existing assessments to check whether they are linked to the required Learning Indicators and DoK levels.

### 2.0 Planning and Delivering of Assessment using the Subject Specific App (65 minutes)

2.1 Open your App and have a chat with it.

E.g.

- **a.** Select a section and the number of lessons you have in a week to start the App
- **b.** Provide information about your class. For instance, the number of learners in your class, etc.

- Select a week you are interested in and continue chatting with your App
- **d.** Refer to your Teacher Manual and confirm the information provided by the App or otherwise.
- **2.2** Explore assessment using the App (NTS 3h, 3j, and 3o-3q)

#### E.g.

#### Select Assessment

- a. Look at the LIs for the week and select the appropriate DoK Level or Levels required for the week's lesson. For instance, 'the LI requires modelling, I would like to assess at level 3'
- **b.** Review the responses on the formats from your App, select any that meets your needs or continue chatting with your App to provide other assessment formats.
- c. Continue chatting with your App, for instance
  - i. 'suggest 10 scenario based MCQs'
  - ii. 'suggest level 3 task taking into consideration the learning activities and differentiation'
  - iii. Generate marking scheme for the task and add an explanation why an option is the right answer



#### Note

Check that the MCQs are arranged alphabetically, vertically and the options are of similar length

- d. Now repeat the process for different assessment strategies, for instance
  - i. Essay questions at level 3
  - ii. Case study questions at level 4
  - iii. 3-week project task at level 4, etc.



#### Note

You may select a different section or week for Activity 2.2d

2.3 Use the subject specific App to review the task or items you developed by having a chat with the App to provide justifications as to why the task is at DoK level 3 or 4 (NTS 3j, 3k, 3m, 3o and 3p-3q).

#### E.g.

Explain why the tasks or items are at DoK level 3.



#### Note

You may repeat this for DoK levels 1, 2 or 4.

### 3.0 Using your subject specific App to explore one of the key assessment modes

3.1 Identify and select an assessment mode you found challenging in the last academic year and explore with your subject specific App how to use this assessment strategy effectively in your lesson delivery (NTS 3k).



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks.
- ii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your assessment task, rubrics/mark scheme and how to score them appropriately
- 3.2 Share your experience with the larger group (NTS 3j).
  - a. two things you learnt using the App in developing assessments
  - b. how you plan to apply the experiences
  - c. any challenges you faced in using the App to develop assessments and how you addressed them

#### 4.0 Reflection (15 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b)
- 4.2 Remember to
  - a. read PLC Session 1, Teacher Manual and related Learner Material (NTS 3a).
  - b. bring along your laptop, Teacher Manual and PLC Handbook on Week 1 in preparation for the next session (NTS 3a).

# **PLC Session 1:** Understanding of Family Resources and their Classification

#### 1.0 Introduction (10 minutes)

**1.1** Read and discuss the purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to populate a learning planner for Week 1 on *understanding of family resources and their classification with the needed areas* using the subject-specific App to review the completed learning plan.

**Learning Outcome (LO):** To populate the learning planner on understanding of family resources and their classification with essential questions, key notes on differentiation, learning activities and key assessments and to use the subject-specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g–3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner on week 1 using the subject specific App.

**Learning Indicator (LI) 2:** Enact an activity based on your learning plan.

### 2.0 Planning and Reviewing of Learning Plan (50 minutes)

2.1 Refer to your Teacher Manual and have a chat with your subject-specific App to develop your learning plan for Week 1 on classification of resources (NTS 3a-3q).

E.q.

#### i. Learning activities

I have 35 students: 8 fluent readers, 16 slow learners, and 11 non-readers, mostly girls. The school is located in a rural area with limited resources. The lesson lasts 120 minutes, and my materials include a classification chart, a video, and physical samples of cooking and cleaning. I need assistance with developing learning activities, as my

main challenge is finding ways to engage non-readers in resource classification.

#### ii. Assessment tasks

Create assessments for Week 1 focusing on the concept and classification of resources. Students include 8 fluent readers, 16 slow learners, and 11 non-readers. Assessments should target DoK levels 1-3, with differentiation for non-readers.

#### iii. Differentiation

I prepared a classification chart, a video, and physical samples. The students include 8 fluent readers, 16 slow learners, and 11 non-readers. Verify whether these support the different learning needs and suggest suitable content, process, or product activities for resource classification.

#### iv. Essential questions

Create 2 essential questions for resource classification that focus on the concept of resources and the classification process. Include integration of GESI, ICT and National Values for promoting responsible resource use.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks.
- ii. Transfer the information from your SS App into your learning planner template to complete your plans. Click the link or scan the QR code to download the template.

  https://curriculumresources.edu.gh/wpcontent/uploads/2025/09/Year-TwoLesson-Planner-Template-20.docx
- iii. Chat with your App to learn how to integrate
  National Values, GESI, SEL and 21st century skills in your
  learning activities, assessment tasks and rubrics/mark scheme.

#### 3.0 Enactment (20 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



You may record the enacted activity.

#### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a critical friend to observe your lesson in relation to PLC Session 1 to provide feedback on your lesson (NTS 1f, 1g).
- 4.3 Remember to:
  - a. read PLC Session 2, Teacher Manual and related Learner Material (NTS 3a).
  - b. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

### PLC Session 2: Preparing for Student Transcript Portal Assessment – Group Project

#### 1.0 Introduction (10 minutes)

- **1.1** Share one thing on assessment in PLC Session 1 that you
  - a. applied in your lesson delivery
  - b. found challenging and how you addressed it.
- Share one challenge you encountered while populating your learning plan for week 2 before the session that you would like to discuss during this PLC session.
- 1.3 Read and discuss the Purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to use the subject-specific App to

- 1. review the completed learning plan for week 2
- 2. prepare assessment tasks and rubrics for group project

**Learning Outcome (LO):** To review the learning plan for week 2 and address any challenges in planning and developing assessment tasks for the group project (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g–3k and 3o).

**Learning Indicator (LI) 1:** Review the learning plan and address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Discuss, develop and review assessment tasks with rubrics for the group project.

#### 2.0 Reviewing the Learning Plan (20 minutes)

2.1 Upload your completed learning plan into the subject-specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Learning activities

Review the leaning activities and develop essential questions connected to the focal areas. Develop a scenario-based introduction linked to the essential question

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. assessment tasks, etc.

### 3.0 Prepare to Assign, Assess and Record for the Student Transcript Portal (50 minutes)

3.1 Refer to your Teacher Manual for the key assessment to be recorded in the Student Transcript Portal and have a chat with the subject-specific App to review or develop your assessment tasks and mark schemes/rubrics (NTS 2a-2c, 2e-2h and 3j-3q).

#### E.g.

#### **Group Project**

Develop a suitable group project task to cover week1-4 indicators. The project will be conducted within 4 weeks.



#### Note

One chat may not be enough for the App to provide all that you may need for the tasks

3.2 Have a chat with your App to verify the suggested assessment tasks and discuss the suitability of the responses from activity 3.1. Use the suggestions to refine the assessment tasks (NTS 1a, 2b, 2c and 3e-3q). In doing this activity, consider:

#### E.g.

i. Task

Check if the tasks are appropriate to the Dok levels.

#### ii. Mark scheme and score distribution

Confirm if the marks distribution is appropriate for the DoK Levels and the demand of the question

#### iii. Resources needed for assessment administration

How can community-based resources be used to support learners in conducting their group projects?

#### iv. How to provide feedback

How can the group project work be monitored to give feedback that will guide learners to achieve the desired outcome?

Develop a monitoring checklist, rubrics and feedback form for administering the group project, etc.

#### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 2 to provide feedback on your lesson (NTS 1f, 1g).

#### 4.3 Remember to:

- a. mark, record and upload your learners' assessment scores in the Student Transcript Portal (NTS 3j, 3n).
- **b.** read PLC Session 3, Teacher Manual and related Learner Material (NTS 3a).
- c. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
- d. identify areas you found challenging in your teaching and administration of the assessment for discussion during the next session.

### **PLC Session 3:** Resource Efficiency

#### 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 2
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 3?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

### 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 3 on *Resource Efficiency* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 3 on Resource Efficiency (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Create 2 essential questions for Week 3 lesson on Resource Efficiency. Include GESI, ICT and National Values integration for promoting responsible resource use.

#### ii. Differentiation

I need help with differentiated learning activities to help non-readers understand resource efficiency concepts.

#### iii. Learning activities

Plan Week 3 lesson on Resource Efficiency in Management in Living 120 minutes. I have 35 Students. 8 fluent readers, 16 slow learners, 11 non-readers, mostly girls, rural Sissala West school, limited resources that will help develop learners' ability to utilise resources efficiently.

#### iv. Assessment tasks

Create assessments for Week 3 lesson on Resource Efficiency, covering resource development and utilisation.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.q.

#### Learning activities

Review my Week 1 learning activities for Management in Living. I have station rotations, chart exploration, video analysis, hands-on sorting, concept mapping, and community resource identification. Students. Evaluate the effectiveness of these activities and suggest improvements.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. differentiation
- c. assessment tasks, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.
- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

#### 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



#### Note

You may record the enacted activity.

#### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 3 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - read PLC Session 4, Teacher Manual and related Learner Material (NTS 3a).
  - b. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

### **PLC Session 4:** Preparing for Student Transcript Portal Assessment – Portfolio

#### 1.0 Introduction (10 minutes)

- **1.1** Share one thing on assessment in PLC Session 3 that you
  - a. applied in your lesson delivery
  - b. found challenging and how you addressed it.
- 1.2 Share one challenge you encountered while populating your learning plan for week 4 before the session that you would like to discuss during this PLC session.
- 1.3 Read and discuss the Purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to use the subject-specific App to

- 1. review the completed learning plan for week 4
- 2. prepare assessment tasks and rubrics for Portfolio

**Learning Outcome (LO):** To review the learning plan for week 4 and address any challenges in planning and developing assessment tasks for the portfolio (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g–3k and 3o).

**Learning Indicator (LI) 1:** Review the learning plan and address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Discuss, develop and review assessment tasks with rubrics for the portfolio.

#### 2.0 Reviewing the Learning Plan (20 minutes)

2.1 Upload your completed learning plan into the subject-specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.q.

#### **Essential questions**

Restructure the essential questions in my learning plan to integrate differentiation, ICT and national value to promote responsible resource management and utilisation.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. learning activities
- differentiation
- c. assessment tasks, etc.

### 3.0 Prepare to Assign, Assess and Record for the Student Transcript Portal (50 minutes)

3.1 Refer to your Teacher Manual for the key assessment to be recorded in the Student Transcript Portal and have a chat with the subject-specific App to review or develop your assessment tasks and mark schemes/rubrics (NTS 2a-2c, 2e-2h and 3j-3q).

#### E.g.

#### Individual portfolio

Develop a comprehensive and clear portfolio-based task to cover practical-based indicators from week 1-24. Provide step-by-step instructions to guide all learners.

#### Note

One chat may not be enough for the App to provide all that you may need for the tasks

3.2 Have a chat with your App to verify the suggested assessment tasks and discuss the suitability of the responses from activity 3.1. Use the suggestions to refine the assessment tasks (NTS 1a, 2b, 2c and 3e-3q). In doing this activity, consider:

#### E.g.

i. Task

Revised the portfolio tasks to generate 4 main activities that include all the practical-based indicators.

#### ii. Mark scheme and score distribution

How can the mark scheme and rubrics be used to support learners in developing the portfolio successfully?

#### iii. Resources needed for assessment administration

What are the inclusive resources that can be used to support learners in developing their portfolios effectively?

#### iv. How to provide feedback

How can teachers, learners and resource persons' feedback support portfolio development?

#### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 4 to provide feedback on your lesson (NTS 1f, 1g).

#### **4.3** Remember to:

- a. mark, record and upload your learners' assessment scores in the Student Transcript Portal (NTS 3j, 3n).
- b. read PLC Session 5, Teacher Manual and related Learner Material (NTS 3a).
- c. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
- d. identify areas you found challenging in your teaching and administration of the assessment for discussion during the next session.

# PLC Session 5: Management Processes in Resource Utilisation

#### 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 4
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 5?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

### 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 5 on *Management Processes in Resource Utilisation* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 5 on Management Processes in Resource Utilisation (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Suggest essential questions that relate to real-life situation can my students relate to that demonstrates how management processes work together to promote better resource use?

#### ii. Differentiation

Give three differentiated strategies to guide students to understand how planning, organizing, implementing, and evaluating work together?

#### iii. Learning activities

Create learning activities for my 120-minute lesson focusing on helping 35 students understand how the 4 management processes connect to promote resource utilisation.

#### iv. Assessment tasks

Create assessment options that don't rely heavily on reading and writing. Provide specific guidance for managing mixed groups and creating effective assessment tasks that work for all learner types.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

E.g.

#### Assessment tasks

Confirm if the assessment tasks are linked with the learning activities and focal areas in the teacher manual?

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. differentiation
- c. learning activities, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

#### 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



#### Note

You may record the enacted activity.

#### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 5 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - a. read PLC Session 6, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# **PLC Session 6:** Preparing for Mid-Semester Examination

# 1.0 Introduction (10 minutes)

- **1.1** Share one thing on assessment in PLC Session 5 that you
  - applied in your lesson delivery
  - b. found challenging and how you addressed it.
- 1.2 Share one challenge you encountered while populating your learning plan for week 6 before the session that you would like to discuss during this PLC session.
- 1.3 Read and discuss the Purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to use the subject specific App to

- 1. review the completed learning plan for week 6
- prepare assessment tasks and rubrics for mid-semester examination

**Learning Outcome (LO):** To review the learning plan for week 6 and address any challenges in planning and developing assessment tasks for the mid-semester examination (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Review the learning plan and address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Discuss, develop and review assessment tasks with rubrics for the mid-semester examination.

## 2.0 Reviewing the Learning Plan (20 minutes)

2.1 Upload your learning plan into the subject-specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Assessment tasks

I have developed my learning plan for Week 6 on the indicator "Evaluate how to apply management processes in resource management to achieve individual, family and community goals". I have 35 learners, 28 girls, 7 boys, with low literacy skills in a rural setting. Review my formative assessment tasks to ensure they align with the indicator at DoK levels 3 and 4 and suggest alternatives for learners who struggle with writing.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. Learning activities
- b. essential questions
- c. differentiation

# 3.0 Prepare for Mid-Semester Examination (50 minutes)

**3.1** Refer to your Teacher Manual for the format of the mid-semester examination and use the subject-specific App to review or develop your assessment tasks, mark schemes/rubrics, etc. (NTS 2a-2c, 2e-2h and 3j-3q).

#### E.g.

Develop 40 multiple-choice questions to cover DoK levels 1, 2, and 3 from focal areas for weeks 1-5 of the Teacher manual with an appropriate mark scheme.



#### Note

In preparing for mid-semester examination, one chat may not be enough for the App to provide all you need DoK levels, structure, distribution across DoK levels, etc.

3.2 Have a chat with your App to review the suggested assessment tasks and discuss the suitability of the responses from activity 3.1. Use the review to refine the responses and complete the set questions (NTS 1a, 2b, 2c and 3e-3q). In doing this activity, consider:

#### E.g.

i. Whether the assessment tasks generated follow 30%, 40%, 30% DoK distribution

Review the MCQs generated following 30%, 40%, 30% DoK distribution and focal area coverage. Redistribute questions to ensure equal content coverage per week.

#### ii. Mark scheme and score distribution

Check and modify the mark scheme and score distribution. Create a simplified version of the score differentiated mark scheme for easier marking.

#### iii. Resources needed for assessment administration

What resource can support learners to prepare and participate in the mid-semester exams effectively?

#### iv. How to provide feedback

How can I provide meaningful feedback to learners after administering and scoring the mid-semester?

### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 6 to provide feedback on your lesson (NTS 1f, 1g).
- 4.3 Remember to:
  - mark, record and upload your learners' assessment scores in the Student Transcript Portal.
  - b. read PLC Session 7, Teacher Manual and related Learner Material (NTS 3a).
  - c. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - d. identify areas you found challenging in your planning and administering of the assessment for discussion during the next session.

# **PLC Session 7:** The Concept of Decision-Making

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 6
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 7?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

# 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 7 on *The Concept of Decision–Making* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 7on The Concept of Decision-Making (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

What essential questions would make students curious about decision-making?

#### ii. Differentiation

Give differentiated strategies to support students' understanding of decision-making principles, processes and importance?

#### iii. Learning activities

Prepare 120 minutes practical demonstrations and role-play for week 7 lesson to help students observe the relation between decision making and the sequence of management process.

#### iv. Assessment tasks

Suggest assessment tasks to verify learners' understanding of Decision-Making Concepts.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

#### Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Differentiation

Examine the differentiation activities of the learning plan to ensure they are suitable for diverse learners and strategically connected to both the learning activities and assessment tasks to achieve the learning indicator.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. learning activities
- b. essential questions
- c. assessment tasks, etc.

#### **Note**

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.
- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



**Note** 

You may record the enacted activity.

## 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 7 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - read PLC Session 8, Teacher Manual and related Learner Material (NTS 3a).
  - b. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# PLC Session 8: The Decision-Making Processes

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 7
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 8?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

# 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 8 on *The Decision–Making Processes* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 8 on The Decision-Making Processes (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Generate essential questions that can support students to understand decision-making. Connect the learners' background of science and general arts to decision-making in management in living.

#### ii. Differentiation

Create differentiation activities to include audio, hands-on activities that will support learners with different backgrounds in Biology and Economics to ensure decision-making in management living is relevant to all learners for health, social and family living.

#### iii. Learning activities

Develop specific learning activities for 120 minutes with a combined class of 35 learners with different learning abilities.

#### iv. Assessment tasks

Develop assessment tasks for Week 8 on decision-making processes for different learning abilities.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.



#### Hint

Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Assessment task

Check if the assessment tasks in my attached learning plan are appropriate for the focal area, DoK levels and key assessment tasks in the teacher manual, etc.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. learning activities, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



Note

You may record the enacted activity.

## 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 8 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - read PLC Session 9, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# PLC Session 9: Socio-Cultural Factors Influencing Decision-Making

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 8
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 9?
  - a. If you answered **yes**, conduct your PLC Session from Activity 2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

# 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 9 on *Socio-Cultural Factors Influencing Decision-Making* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 9 on Socio-Cultural Factors Influencing Decision-Making (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Analyse of how effective the developed lesson plan on comparing types of decision-making processes integrates its essential questions throughout the learning experience.

#### ii. Differentiation

Design differentiated learning experiences that accommodate the diverse needs of Food & Nutrition, Clothing & Textiles, and Agriculture students to guide them to appreciate the value of the five types of decision-making processes in future career contexts.

#### iii. Learning activities

Develop a 120-minute lesson for a class of 85 food and nutrition clothing students, and agriculture students with limited teaching resources.

#### iv. Assessment tasks

Create DoK 3 and 4 assessments and scoring rubrics for Week 9 lesson on Socio-Cultural Factors Influencing Decision-Making that meet teacher manual requirements.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.





Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Learning activities

Analyse the Week 9 learning plan on Socio-Cultural Factors Influencing Decision-Making and provide specific recommendations for meaningfully integrating National Values, GESI, SEL and 21st Century Skills throughout learning activities, assessment tasks and scoring rubrics.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. assessment tasks, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans

- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.
- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



#### Note

You may record the enacted activity.

### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 9 to provide feedback on your lesson (NTS 1f, 1g).
- 4.3 Remember to:
  - read PLC Session 10, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# PLC Session 10: Enhancing Quality of Life Through Decision-Making

### 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 9
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 10?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

# 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 10 *on Enhancing Quality of Life Through Decision–Making* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 10 on Enhancing Quality of Life Through Decision-Making (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Give three essential questions that will guide the lesson for the week in line with the teacher manual.

#### ii. Differentiation

How can students with limited literacy show their knowledge? Some cannot read well but understand concepts when explained orally.

#### iii. Learning activities

Develop a step-by-step case study activity to teach how family communication improves resource use.

#### iv. Assessment tasks

How do I assess students who learn differently? I have visual, auditory, and kinaesthetic learners.



#### **Note**

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

#### Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.q.

#### **Essential questions**

Review the assessment tasks and differentiated activities to ensure they're connected to the Week 10 teacher manual requirements. Develop appropriate essential questions that guide learners to discover how family communication improves resource use, etc.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. learning activities
- b. differentiation
- c. assessment tasks, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.
- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

### 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



#### **Note**

You may record the enacted activity.

## 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 10 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - read PLC Session 11, Teacher Manual and related Learner Material (NTS 3a).
  - b. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# **PLC Session 11: Communication**

### 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 10
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 11?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

# 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 11 on *Communication* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 11 on Communication (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Create essential questions to help me adapt Week 11 communication activities for learners from traditional hierarchical families versus modern egalitarian families in Bono farming community.

#### ii. Differentiation

What teaching strategies should I use for learners whose families have different cultural communication patterns - some hierarchical, others egalitarian.

#### iii. Learning activities

How do I integrate differentiated learning activities into my Week 11 communication lesson for learners from both hierarchical and egalitarian family backgrounds? Ensure the learning activities and assessment tasks are reflecting the content, pedagogical exemplars and key assessment tasks at appropriate Dok levels in the teacher manual.

#### iv. Assessment tasks

How do I assess communication skills fairly when my learners come from families with different cultural communication patterns (hierarchical respect-based vs. egalitarian discussion-based)?



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.



Hint

Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Differentiation

Revise my lesson plan on communication to include differentiated learning activities that work for learners from both traditional hierarchical and modern egalitarian family structures, etc.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. learning activities
- c. assessment tasks, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- 2.3 Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



Note

You may record the enacted activity.

## 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 11 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - a. read PLC Session 12, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# PLC Session 12: Preparing for End of Semester Examination

## 1.0 Introduction (10 minutes)

- **1.1** Share one thing on assessment in PLC Session 11 that you
  - a. applied in your lesson delivery
  - b. found challenging and how you addressed it.
- 1.2 Share one challenge you encountered while populating your learning plan for week 12 before the session that you would like to discuss during this PLC session.
- 1.3 Read and discuss the Purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to use the subject-specific App to

- 1. review the completed learning plan for week 12
- prepare assessment tasks and rubrics for end of semester examination

**Learning Outcome (LO):** To review the learning plan for week 12 and address any challenges in planning and developing assessment tasks for the end of semester examination (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g–3k and 3o).

**Learning Indicator (LI) 1:** Review the learning plan and address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Discuss, develop and review assessment tasks with rubrics for the end of semester examination.

## 2.0 Reviewing the Learning Plan (20 minutes)

2.1 Upload your learning plan into the subject-specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### **Essential questions**

Review the week 12 lesson. Check if the essential questions are well integrated into the teaching and learning activities and the assessment. Refine the learning plan to improve the integration of GESI and SEL to support all learners.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. Learning activities
- b. differentiation
- c. assessment tasks, etc.

# 3.0 Prepare for End of Semester Examination (50 minutes)

**3.1** Refer to your Teacher Manual for the format of the end of semester examination and use the subject-specific App to review or develop your assessment tasks, mark schemes/rubrics, etc. (NTS 2a-2c, 2e-2h and 3j-3q).

#### E.g.

Develop the examination items for the end of semester as recommended in the teacher manual to cover focal areas 1 to 11 in teacher manual with the mark scheme/rubrics in line with the DoK Level distribution. keep the MCQs Options brief, clear and alphabetical. Revise to rebalance the content coverage across weeks and the DoK levels



#### Note

In preparing for mid-semester or end of semester examination, one chat may not be enough for the App to provide all you need (DoK levels, structure, distribution across DoK levels, etc.)

3.2 Have a chat with your App to review the suggested assessment tasks and discuss the suitability of the responses from activity 3.1. Use the review to refine the responses and complete the set questions (NTS 1a, 2b, 2c and 3e-3q). In doing this activity, consider:

#### E.g.

# i. Whether the assessment tasks generated follow 30%, 40%, 30% DoK distribution

Review the summative assessment task for the end of semester examination to ensure the item distribution is in proportion as stated in the teacher manual. Revise to rebalance the content coverage across weeks and the DoK levels

#### ii. Mark scheme and score distribution

Check the mark distribution if it's right and fair

#### iii. Resources needed for assessment administration

Which resources will be needed to administer the end of semester examination effectively.

#### iv. How to provide feedback

Design a suitable plan for administering and providing targeted and purposive feedback to learners to improve teaching and learning in management in living.

### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 12 to provide feedback on your lesson (NTS 1f, 1g).

#### 4.3 Remember to:

- **a.** mark, record and upload your learners' assessment scores in the Student Transcript Portal.
- **b.** read PLC Session 13, Teacher Manual and related Learner Material (NTS 3a).
- c. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
- d. identify areas you found challenging in your planning and administering of the assessment for discussion during the next session.

# PLC Session 13: Preparing for Student Transcript Portal Assessment – Individual Project

### 1.0 Introduction (10 minutes)

- **1.1** Share one thing on assessment in PLC Session 12 that you
  - a. applied in your lesson delivery
  - b. found challenging and how you addressed it.
- 1.2 Share one challenge you encountered while populating your learning plan for week 13 before the session that you would like to discuss during this PLC session.
- 1.3 Read and discuss the Purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to use the subject-specific App to

- 1. review the completed learning plan for week 13
- 2. prepare assessment tasks and rubrics for individual project

**Learning Outcome (LO):** To review the learning plan for week 13 and address any challenges in planning and developing assessment tasks for the individual project (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g–3k and 3o).

**Learning Indicator (LI) 1:** Review the learning plan and address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Discuss, develop and review assessment tasks with rubrics for the individual project.

# 2.0 Reviewing the Learning Plan (20 minutes)

2.1 Upload your completed learning plan into the subject-specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Assessment

Review the learning plan for Week 13 to confirm if assessment tasks are good enough to help all learners achieve the learning indicators of the week linked to the contents of the focal areas in the teacher manual.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. differentiation
- learning activities, etc.

# 3.0 Prepare to Assign, Assess and Record for the Student Transcript Portal (50 minutes)

3.1 Refer to your Teacher Manual for the key assessment to be recorded in the Student Transcript Portal and have a chat with the subject-specific App to review or develop your assessment tasks and mark schemes/rubrics (NTS 2a-2c, 2e-2h and 3j-3q).

#### E.g.

#### **Individual Project**

Identify indicators within with 13–23 of the management in living year two teacher manual that can be used for individual project. Write out the individual project task taking into consideration, the learning need and resources available to all learners.



#### Note

One chat may not be enough for the App to provide all that you may need for the tasks

3.2 Have a chat with your App to verify the suggested assessment tasks and discuss the suitability of the responses from activity 3.1. Use the suggestions to refine the assessment tasks (NTS 1a, 2b, 2c and 3e-3q). In doing this activity, consider:

#### E.g.

#### i. Task

Develop 5 individual project to include all the DoK Levels that learners can select based on their interest, resources available and their ability.

#### ii. Mark scheme and score distribution

Develop a detailed marking scheme that ensures fair and accurate mark distribution linked to the DoK level and individual project.

#### iii. Resources needed for assessment administration

What resources and support will learners need for their projects?

#### iv. How to provide feedback

Suggest how management in living teachers can organise a meaningful feedback session with all learners.

### 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 13 to provide feedback on your lesson (NTS 1f, 1g).

#### **4.3** Remember to:

- a. mark, record and upload your learners' assessment scores in the Student Transcript Portal (NTS 3j, 3n).
- b. read PLC Session 14, Teacher Manual and related Learner Material (NTS 3a).
- c. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
- d. identify areas you found challenging in your teaching and administration of the assessment for discussion during the next session.

# **PLC Session 14:** Supporting Entrepreneurial Activities

### 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 13
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 14?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

# 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 14 on *Supporting Entrepreneurial Activities* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 14 on Supporting Entrepreneurial Activities (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Create essential questions that help my Food & Nutrition, Clothing & Textiles, and Economics learners critically examine how gender roles, education levels, and socio-economic status influence entrepreneurial opportunities in our coastal fishing community.

#### ii. Differentiation

Design differentiated learning activities using content, process, and product variations for my three programme groups (Food & Nutrition, Clothing & Textiles, Economics) in the Week 14 entrepreneurship lesson.

#### iii. Learning activities

I am teaching a 120-minute lesson on Supporting Entrepreneurial Activities to 88 learners in a coastal Ghana fishing community. Suggest learning activities to engage learners during the lesson.

#### iv. Assessment tasks

Develop DoK Level 2 and 3 assessment tasks for the lesson on supporting entrepreneurial activities.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Assessment task

Review the learning plan developed and refine the assessment tasks to ensure they are properly connected to and build upon the learning activities, etc.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. differentiation
- c. learning activities, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- 2.3 Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



#### Note

You may record the enacted activity.

## 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 14 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - a. read PLC Session 15, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - identify areas you found challenging in your teaching for discussion during the next session.

# **PLC Session 15:** Growing a Successful Business

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 14
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 15?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

#### Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

# 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 15 on *Growing a Successful Business* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 15 on Growing a Successful Business (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

#### E.g.

#### i. Essential questions

Create essential questions that will help learners integrate 21st century skills, national values and cultural background in the southern zone of Ghana. Two questions focus on the learner while one focuses on the teacher.

#### ii. Differentiation

How can learning activities be differentiated to cater for 16 high academic achievers and 4 low academic achievers who have talent in singing and poetry?

#### iii. Learning activities

Adapt the 120-minute teaching and learning activities of the Week 15 lesson in the teacher manual to suit the high academic achievers and slow learners. Suggest specific learning activities that make the lesson more practical, engaging.

#### iv. Assessment tasks

Check the assessment of the week and develop a suitable marking scheme to guide the assessment process.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.g.

#### Differentiation

Complete the learning plan for Week 15 with differentiation strategies to ensure different learning abilities are catered for.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. learning activities
- c. assessment tasks, etc.



#### **Note**

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- 2.3 Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



Note

You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 15 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - a. read PLC Session 16, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

## **PLC Session 16:** Setting up a business

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 15
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 16?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

## Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

## 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 16 on *Setting up a business Setting up a business* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 16 on Setting up a business (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

## E.q.

## i. Essential questions

Develop essential questions that connect to the local economic context of farming, trading, crafts, and gari processing businesses. Focus on verbal and audio-based learning strategies to accommodate diverse learning needs.

### ii. Differentiation

Create differentiated strategies (content, process, product) for a 120-minute Week 16 lesson. Use verbal and audio-based learning strategies.

## iii. Learning activities

Prepare a 120-minute lesson for Week 16 for a school in a remote community in the Volta Region of Ghana. Two learners have visual problems and weak hands, who find it difficult to hold things. Prioritise verbal and audio-based learning activities to accommodate diverse learning needs.

#### iv. Assessment tasks

Design assessment tasks linking learning activities to pedagogical exemplars, Use verbal and audio-based assessment strategies



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

## E.g.

## Differentiation

Review the draft learning plan to provide modifications that enhance differentiation to support all learners in achieving the learning indicator, etc.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. learning activities
- c. assessment tasks, etc.



## Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- 2.3 Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



Note

You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 16 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - a. read PLC Session 17, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - identify areas you found challenging in your teaching for discussion during the next session.

## **PLC Session 17:** Housing the Family

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 16
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 17?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

## Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

## 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 17 on *Housing the Family* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 17 on Housing the Family (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

## E.g.

## i. Essential questions

Give three essential questions, two focusing on how learners will connect this lesson to previous and future lessons using personal and family experiences, and one focusing on how to integrate ICT, GESI, and National values.

### ii. Differentiation

Provide differentiated strategies that will help learners appreciate traditional and modern housing types and understand the influence of technology in housing contexts

## iii. Learning activities

Suggest learning activities to help learners with reading difficulties.

#### iv. Assessment tasks

Modify the recommended assessments in the teacher manual to suit the learning context, Link to learning activities, differentiation strategies, and essential questions.



## Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

#### E.q.

#### Assessment

Develop assessment tasks that will help learners grasp the content for week 17.

## Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. learning activities, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.
- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



## Note

You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 17 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - a. read PLC Session 18, Teacher Manual and related Learner Material (NTS 3a).
  - b. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

## PLC Session 18: Preparing Mid-Semester Examination

## 1.0 Introduction (10 minutes)

- **1.1** Share one thing on assessment in PLC Session 17 that you
  - applied in your lesson delivery
  - b. found challenging and how you addressed it.
- 1.2 Share one challenge you encountered while populating your learning plan for week 18 before the session that you would like to discuss during this PLC session.
- 1.3 Read and discuss the Purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to use the subject-specific App to

- 1. review the completed learning plan for week 18
- prepare assessment tasks and rubrics for mid-semester examination

**Learning Outcome (LO):** To review the learning plan for week 18 and address any challenges in planning and developing assessment tasks for the mid-semester examination (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Review the learning plan and address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Discuss, develop and review assessment tasks with rubrics for the mid-semester examination.

## 2.0 Reviewing the Learning Plan (20 minutes)

2.1 Upload your learning plan into the subject-specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

## E.g.

## Differentiation

Review the Week 18 lesson to develop strategies that can improve differentiation to connect the lesson to the learners' diverse cultures.

## Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. assessment tasks, etc.

## 3.0 Prepare for End of Semester Examination (50 minutes)

**3.1** Refer to your Teacher Manual for the format of the end of semester examination and use the subject-specific App to review or develop your assessment tasks, mark schemes/rubrics, etc. (NTS 2a-2c, 2e-2h and 3j-3q).

## E.q.

Review the mid-semester examination question to align with the content of weeks 1-17.



#### Note

In preparing for mid-semester or end of semester examination, one chat may not be enough for the App to provide all you need (DoK levels, structure, distribution across DoK levels, etc.)

3.2 Have a chat with your App to review the suggested assessment tasks and discuss the suitability of the responses from activity 3.1. Use the review to refine the responses and complete the set questions (NTS 1a, 2b, 2c and 3e-3q). In doing this activity, consider:

## E.g.

i. Whether the assessment tasks generated follow 30%, 40%, 30% DoK distribution

Check if the DoK levels of the questions are right and appropriate as recommended in the teacher manual.

#### ii. Mark scheme and score distribution

Confirm if the marks distribution to the task is appropriate for the task at various DoK levels.

#### iii. Resources needed for assessment administration

How can the mid-semester be conducted successfully in a limited classroom space, inadequate furniture and poor ventilation?

## iv. How to provide feedback

Suggest mentorship feedback to all 35 learners at different levels of achievement.

## 4.0 Reflection (10 minutes)

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 18 to provide feedback on your lesson (NTS 1f, 1g).

#### **4.3** Remember to:

- a. mark, record and upload your learners' assessment scores in the Student Transcript Portal.
- b. read PLC Session 19, Teacher Manual and related Learner Material (NTS 3a).
- c. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a), Laptop.
- d. identify areas you found challenging in your planning and administering of the assessment for discussion during the next session.

# **PLC Session 19:** Furnishing the Home for Comfort in Different Settings

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 18
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 19?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

## Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

## 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 19 on Furnishing the Home for Comfort in Different Settings using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 19 on Furnishing the Home for Comfort in Different Settings (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

## E.g.

## i. Essential questions

Develop essential questions organised around developing case studies that connect to learners' immediate traditional environment, integrating available ICT tools and 21st century skills development.

## ii. Differentiation

Generate differentiation strategies that address the diverse learning needs of learners when developing case studies that connect to learners' immediate traditional environment.

## iii. Learning activities

Develop a complete 120-minute lesson plan for Week 19 that adapts the teacher manual content to our local community context. Include small group activities linked to pedagogical exemplars.

#### iv. Assessment tasks

develop a differentiated assessment task for the focal area that addresses the diverse learning needs.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

## E.g.

## Differentiation

Identify gaps between the Week 19 learning plan and the teacher manual activities, provide adjustments to suit the focal area in a traditional environment, etc.

## Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. learning activities
- c. assessment tasks, etc.



## Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- 2.3 Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



#### Note

You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 19 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - read PLC Session 20, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

## **PLC Session 20:** Storage in the Home

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 19
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 20?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

## Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

## 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 20 on *Storage in the Home* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 20 on Storage in the Home (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

## E.g.

## i. Essential questions

I need help streamlining my Week 20 lesson on storage. My biggest challenge is developing relevant essential questions that connect to my students' rural Ghanaian family experiences. give three practical, essential questions to guide the lesson.

## ii. Differentiation

I'm struggling with managing differentiation for my 55 learners in Week 20. My biggest challenges are time management and resource limitations. help me simplify my differentiation approach while maintaining quality learning for all students?

## iii. Learning activities

I'm teaching 55 Year 2 Management in Living students in rural Ghana with limited ICT resources. Create a practical 120-minute Week 20 step-by-step learning activities to quide the lesson.

#### iv. Assessment tasks

My assessment approach is too complex and overwhelming. I'm creating separate rubrics for different groups and trying to manage different assessment formats simultaneously with 55 students. What's a simpler way to assess different learner needs without creating multiple different assessments?"



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

## E.g.

## Differentiation

My Week 20 plan is very comprehensive, but feels overwhelming to implement. help me identify the 3 most impactful differentiation strategies for the lesson.

## Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. learning activities
- c. assessment tasks, etc.



## Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



## Note

You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 20 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - read PLC Session 21, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

## **PLC Session 21:** Principles of Storage

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 20
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 21?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

## Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

## 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 21 on *Principles of storage* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 21 on Principles of Storage (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

## E.g.

## i. Essential questions

Develop 3 essential questions for week 21 lesson on Principles of Storage, integrate ICT.

#### ii. Differentiation

Develop 3 most effective differentiation strategies to streamline my classroom management.

## iii. Learning activities

Develop learning activities to help enhance student learning.

#### iv. Assessment tasks

How can I modify the assessment task to ensure students address the 3 essential questions we created about culture, differentiated learning, and ICT integration?

## Note



- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

#### Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

## E.g.

## Learning activities

Confirm whether our Week 21 Principles of Storage learning activities align with the pedagogical exemplars specified in the teacher manual, and identify any pedagogical strategies we should add or strengthen? etc.

## Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. assessment tasks, etc.



#### Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.
- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

## 3.0 Enactment (25 minutes)

**3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).

- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 21 to provide feedback on your lesson (NTS 1f, 1g).
- 4.3 Remember to:
  - a. read PLC Session 22, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# **PLC Session 22:** Methods of Storing Various Items in the Home

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 21
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 22?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

## Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

## 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 22 on Methods of Storing Various Items in the Home using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 22 on Methods of Storing Various Items in the Home (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

## E.g.

## i. Essential questions

How can I effectively integrate essential questions into both the learning activities and assessments for week 22 lesson?

#### ii. Differentiation

I need practical, collaborative activities that allow students to learn from each other's programme expertise while ensuring all learners can participate meaningfully regardless of their reading ability or programme background

## iii. Learning activities

Design engaging learning activities for Week 22 that will engage all learners.

#### iv. Assessment tasks

Develop assessment tasks that incorporate these essential questions for the week's lesson.



### Note

- Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

E.g.

#### Assessment tasks

Redesign the assessment tasks in the learning plan to properly align with Week 22's specific DoK requirements from the teacher manual, etc.

#### Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. learning activities, etc.



## Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- 2.3 Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- **3.2** Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



## Note

You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 22 to provide feedback on your lesson (NTS 1f, 1g).
- **4.3** Remember to:
  - a. read PLC Session 23, Teacher Manual and related Learner Material (NTS 3a).
  - **b.** bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# **PLC Session 23:** Home and Workplace Hazards and Accidents

## 1.0 Introduction (5 minutes)

- 1.1 Share one thing you applied in your classroom based on PLC Session 22
  - a. the challenges you faced
  - b. how you addressed them
- **1.2** Have you developed your learning plan for week 23?
  - If you answered yes, conduct your PLC Session from Activity
     2.0B
  - b. If you answered **no**, conduct your PLC Session from Activity 2.0A

## Hint



You cannot conduct PLC on Activity 2.0B if you <u>have not</u> prepared your learning plan

## 2.0A Planning and Reviewing of Learning Plan (50 minutes)

**Purpose:** The purpose for this session is to populate the learning planner for week 23 on *Home and Workplace Hazards and Accidents* using the subject specific App.

**Learning Outcome (LO):** To populate the learning planner with the essential questions, differentiation, learning activities and key assessments and use the subject specific App to review your populated learning plan (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g-3k and 3o).

**Learning Indicator (LI) 1:** Populate the learning planner using the subject specific App

**Learning Indicator (LI) 2:** Enact an activity from your reviewed learning plan.

2.1 Refer to your Teacher Manual and have a chat with your subject specific App to develop your learning plan for Week 23 on Home and Workplace Hazards and Accidents (NTS 1a, 2b, 2c, 2e-2h and 3a-3q).

## E.g.

## i. Essential questions

Develop essential questions for Week 23 that will guide the exploration of how ICT tools can deepen content understanding.

#### ii. Differentiation

Provides differentiated strategies to ensure all learners can participate meaningfully despite reading difficulties.

## iii. Learning activities

Develop learning activities for Week 23 that links with the pedagogical exemplars specified in the teacher manual (collaborative learning, experiential learning, group work, talk for learning approaches)

#### iv. Assessment tasks

Develop practical-based assessment tasks that integrate Week 23's key assessments with appropriate DoK levels.



### Note

- . Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans.
- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21<sup>st</sup> century skills in your learning activities, assessment tasks and rubrics/mark scheme.

Hint



Move to Activity 3.0

# 2.0B Reviewing the Learning Plan and Addressing Challenges in Planning, Delivering and Assessing Lessons (50 minutes)

**Purpose:** To support teachers address challenges, they may have during lesson preparation and delivery.

**Learning Outcome (LO):** To address specific concerns of teachers in planning, teaching and assessment.

**Learning Indicator (LI) 1:** Address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Enact an activity in preparation to teach the lesson.

2.1 Upload your completed learning plan into the subject specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

## E.g.

## Learning activities

Review week 23 learning activities to better support the practical-based assessment tasks (DoK Levels 2-3) and promote effective classroom management strategies for 121 diverse learners with limited video, poster, and material resources, etc.

## Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- b. differentiation
- c. assessment tasks, etc.



## Note

- i. Chatting once may not be enough for the App to provide all that you may need for the tasks
- ii. Transfer the information from your SS App into your learning planner template to complete your plans

- iii. Chat with your App to learn how to integrate National Values, GESI, SEL and 21st century skills in your learning activities, assessment tasks and rubrics/mark scheme.
- 2.2 Identify a challenging area or issue and chat with your subject specific App for steps on how to address it for effective lesson delivery (NTS 3j).
- **2.3** Share your experience with the group.

## 3.0 Enactment (25 minutes)

- **3.1** Enact a teaching activity in your plan (NTS 1b, 1f, 1g, 2c, 2e, 2f and 3c-3j).
- 3.2 Reflect on the activity enacted to improve lesson delivery (NTS 1a).
- 3.3 Ask for feedback on the activity enacted (NTS 1a, 1e, 2c and 3o).



## Note

You may record the enacted activity.

- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 23 to provide feedback on your lesson (NTS 1f, 1g).
- 4.3 Remember to:
  - read PLC Session 24, Teacher Manual and related Learner Material (NTS 3a).
  - b. bring along your laptop, Teacher Manual and PLC Handbook in preparation for the next session (NTS 3a).
  - c. identify areas you found challenging in your teaching for discussion during the next session.

# **PLC Session 24:** Preparing for End of Semester Examination

## 1.0 Introduction (10 minutes)

- **1.1** Share one thing on assessment in PLC Session 23 that you
  - a. applied in your lesson delivery
  - b. found challenging and how you addressed it.
- 1.2 Share one challenge you encountered while populating your learning plan for week 24 before the session that you would like to discuss during this PLC session.
- 1.3 Read and discuss the Purpose, Learning Outcome (LO) and Learning Indicators (LIs) for the session.

**Purpose:** The purpose of this session is to use the subject-specific App to

- 1. review the completed learning plan for week 24
- prepare assessment tasks and rubrics for end of semester examination

**Learning Outcome (LO):** To review the learning plan for week 24 and address any challenges in planning and developing assessment tasks for the end of semester examination (NTS 2b, 2c, 2e, 2f, 3a, 3d, 3e, 3g–3k and 3o).

**Learning Indicator (LI) 1:** Review the learning plan and address challenges in the preparation and delivery of a lesson.

**Learning Indicator (LI) 2:** Discuss, develop and review assessment tasks with rubrics for the end of semester examination.

## 2.0 Reviewing the Learning Plan (20 minutes)

2.1 Upload your learning plan into the subject-specific App. Have a chat with your App to verify the following and discuss their suitability to reflect the diverse needs of learners in your class (NTS 1a, 2b, 2c and 3e-3q).

## E.g.

## Learning activities

Review week 24 lesson activities by creating a link between the content of the week and the previous lessons as a form of revision to prepare learners for the end-of-semester examination. Check how well the lesson integrated 21st century skills and the national values in the provision of first aids to accident victims.

## Hint



Continue chatting with your App to verify the following and use the responses to complete your plan

- a. essential questions
- **b.** differentiation
- c. assessment tasks, etc.

## 3.0 Prepare for End of Semester Examination (50 minutes)

**3.1** Refer to your Teacher Manual for the format of the end of semester examination and use the subject-specific App to review or develop your assessment tasks, mark schemes/rubrics, etc. (NTS 2a-2c, 2e-2h and 3j-3q).

## E.g.

Develop the structure of the end of semester examination to match the teacher manual specification.



## Note

In preparing for mid-semester or end of semester examination, one chat may not be enough for the App to provide all you need (DoK levels, structure, distribution across DoK levels, etc.)

3.2 Have a chat with your App to review the suggested assessment tasks and discuss the suitability of the responses from activity 3.1. Use the review to refine the responses and complete the set questions (NTS 1a, 2b, 2c and 3e-3q). In doing this activity, consider:

## E.g.

i. Whether the assessment tasks generated follow 30%, 40%, 30% DoK distribution

Revise the examination items constructed for DoK Level 3 and 4 to make them more appropriate and accessible to all learners.

#### ii. Mark scheme and score distribution

Revised the mark scheme and scoring rubrics. take note of the mark allocation and distributions across the DoK levels.

## iii. Resources needed for assessment administration

Outline the resources to be provided to enhance the examination process and outcomes.

iv. How to provide feedback

What will be the appropriate time to provide feedback to learners?

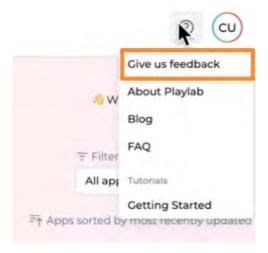
- **4.1** Reflect and share your views on the session (NTS 1a, 1b).
- 4.2 Identify a colleague to observe your lesson in relation to PLC Session 24 to provide feedback on your lesson (NTS 1f, 1g).
- 4.3 Remember to mark, record and upload your learners' assessment scores in the Student Transcript Portal and identify areas you found challenging in your planning and administering of the assessment for discussion during the next session.

## Appendix 1: Subject Specific App Teaching & Learning Apps - Issue Reporting Guide

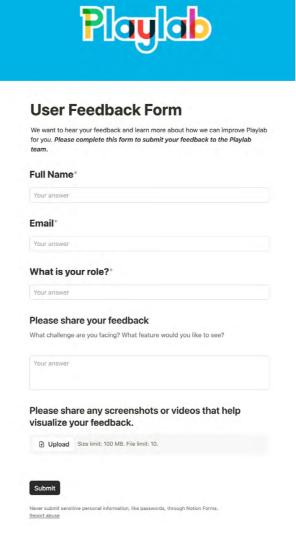
## How to Report Issues or Get Support

You have three ways to report issues with the subject-specific apps:

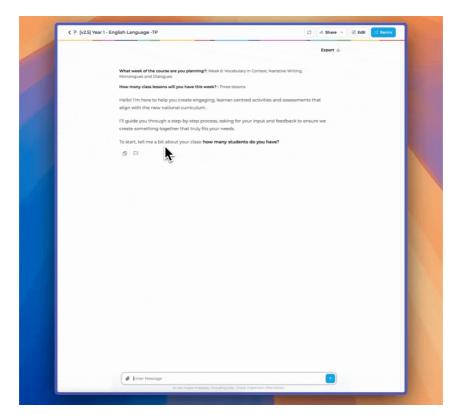
- 1. Email Support
  - For general issues: Send email to: support@playlab.ai
  - Include:
  - Your school name and region
  - Subject app you're using
  - Description of the issue
  - Screenshots or screen recordings (if possible)
  - Best for: School administrators reporting multiple app issues
  - Response time: Within 24 hours
  - If Urgent please include [URGENT] Message Text in your subject line.
- 2. Submit Feedback in Playlab
  - In the app, Click the "Give us Feedback" link in the menu and share feedback.



- Access the Feedback Form here
- Complete the form and upload any supporting documentation. (The more detailed your submission is, the more helpful support will be)



- Best for: Individual teachers reporting specific issues
- Response time: Within 24-48 hours
- 3. In-Chat Flagging
  - Look for the flag button within your chat conversation



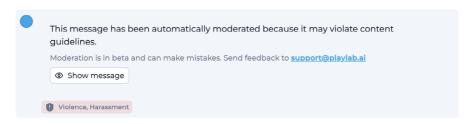
- Click to report biased, inaccurate, or inappropriate messages.
- Best for: Immediate issues with app responses
- There is also in app moderation for both user messages and Al generated responses. You can read more about it here.

#### What Happens After You Report?

1. The message will be flagged in your user activity. You will see indicators of messages that have been moderated or flagged.



2. You can review the messages in activity. By default the message is hidden unless you click "show message".



Thank you for sharing the details of the incident. Here's the step-by-step analysis and proposed restorative plan based on the provided situation:

3. If something is consistently being flagged, you may want to address it in your implementation, make revisions to the app, or contact support@playlab.ai for more guidance.

Tips for Effective Reporting:

- Be specific about what you were trying to do
- Note which subject app you're using
- Include your school and region information
- Describe what happened versus what you expected

#### **Additional Support Resources**

- 1 App Basics:
  - Starting a conversation
    - O Scan your QR code to use your app.
  - If you encounter a problem, follow the directions for Escalating an issue.

#### Video Tutorials

- a Lesson Planning Walkthrough: Step-by-step guide using a real subject app with sample conversations
  - Lesson Plan Development
    - Watch a sample conversation here.
    - As you're using the apps, you can provide specifics on how you might want to differentiate for class needs
  - Assessment Development
    - Watch a sample conversation here.

- As you're using the apps, you can adjust the DOK levels as you create assessments at different complexity levels
- **b** For any additional questions please refer to the learn.playlab.ai page.

#### **Key Reminders**

- 1 Apps are supplemental tools to support your PLC Handbook and Teacher Manual—not replace them
- 2 Always refer to official curriculum documents as your primary resource
- 3 Use your professional judgment to adapt app suggestions for your classroom context

### **Appendix 2: Learning Planner Templete**

Name of Subject:							
Learning Planner Template	Year Two	)					
Number of Learners in Class		Week		Duration		Form	
Strand							
Sub-Strand							
Content Standard							
Learning Outcome(s)							
Learning Indicator(s)							
Essential Question(s)							
Pedagogical Strategies							
Teaching & Learning Resources							
Key Notes on Differentiation							
Identify the different learner needs in your class and make notes on how to cater for them during the lesson							
Lesson							
(complete per number of lessons for the week)							
Refer to the Teacher Manual and Learner Material to complete this section							
Introduction							
Main Lesson							
Closure							

Key A	Key Assessment				
1.	Formative				
	Assessment Mode:				
	Task:				
	Mark Scheme:				
2.	Key Assessment for Student Transcript Portal				
	Assessment Mode:				
	Task:				
	Rubric/Mark Scheme:				
Refle	Reflection & Remarks				

## Appendix 3: Teacher Lesson Observation Form

#### **Teacher Lesson Observation Form**

Nam	e of School					
Subj	ect being observed					
Class	5					
	Yea	r1	Year 2	Year 3		
Sexo	of the teacher		Male	Female		
1.	Is the purpose of the lesson clearly stated in the lesson plan and focused on learners achieving the lesson learning outcomes?					
	Yes	In Part	No	NA		
b1.	Please provide an e	xplanation to yo	ur answer in Q1 above	e		
2.	Are the unique needs of female learners, male learners, and learners with special education needs adequately catered for in the lesson plan? For example, the choice of teaching methods and learning activities reflects/does not reflect the learning needs of all learners.  For example, the choice of teaching methods, and learning activities.					
	Yes	In Part	No	NA		

2b.	Please provide an ex	xplanation to your ansv	ver in Q2 above			
3.	Does the teacher manage behavior well, maintaining a positive and non-threatening learning environment throughout the lesson?					
	Yes	In Part	No	NA		
3b.	Please provide an ex	xplanation to your ansv	ver in Q3 above			
4.	(including ICT, book	ching and learning ma ks, desks) available, acc les, males and learners	essible and being use	d to support		
	Yes	In Part	No	NA		
4b.	Please provide an ex	xplanation to your ansv	wer in Q4 above			
5.	Are leaners engaged standards?	d on tasks that challen	ge them in line with th	ne content		
	Does the teacher take	e into consideration the	uniqueness of learners	?		
	Yes	In Part	No	NA		
5b.	Please provide an ex	xplanation to your ansv	wer in Q5 above			
6.	Is there evidence th	at students are learnin	g?			
	Yes	In Part	No	NA		

6b.	Please provide an ex	kplanation to your ansv	wer in Q6 above			
7.	Is teaching diferentiated to cater for the varied needs of all learners (i.e., male learners, female learners, learners with special education needs) and those with poor literacy and/or numeracy proficiency?					
	Yes	In Part	No	NA		
7b.	Please provide an ex	xplanation to your ansv	wer in Q7 above			
8.	Does the teacher us concepts?	e real life examples wh	ich are familiar to lea	rners to explain		
	Yes	In Part	No	NA		
8b	·	xplanation to your ans				
9.		int out or question tra- lessons as appropriate		when they		
	Yes	In Part	No	NA		
9b.	Please provide an e	xplanation to your ans	wer in Q9 above			
10.	Does the lesson include appropriate interactive and creative approaches e.g., group work, role play, storytelling to support learners achieving the learning outcomes?					
	If yes, give examples	of the issues and skills tl	hat have been so integi	rated.		
	Yes	In Part	No	NA		

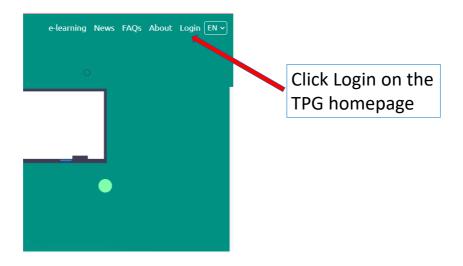
10b.	Please provide an explanation to your answer in Q10 above				
11.	Have cross-cutting issues and /or 21st century skills been integrated into the lesson to support learners in achieving the learning outcomes e.g., problemsolving, critical thinking, communication? If yes, give examples of the issues and skills that have been so integrated.				
	Yes	In Part	No	NA	
11b.	If yes, give example	s of the issues and skill	s that have been so in	tegrated.	
12.	Does the teacher in	corporate ICT into thei	r practice to support l	earning?	
12.		•		J	
	Yes	In Part	No	NA	
12b.	Please provide an ex	kplanation to your ansv	ver in Q12 above		
13.	who may be shy or a	courage all female mal fraid to speak) to ask q work, etc. during the l	uestions, answer que		
	Yes	In Part	No	NA	
13b.	. Please provide an explanation to your answer in Q13 above				
1,	1		de estate de de esces		
14.	Is assessment evident in the lesson? If yes, does it include assessment as, for or of learning and go beyond recall?				
	If yes, did it include a	ssessment of, for or as le	arning and go beyond	recall?	
	Yes	In Part	No	NA	

14b.	Please provide an ex	xplanation to your ansv	ver in Q14 above				
15.	Do learners make use of feedback from teacher and peers?						
	Yes	In Part	No	NA			
15b.	Please provide an ex	xplanation to your ansv	ver in Q15 above				
16.	Does the teacher su learning outcomes v	m up the lesson and ev with the learners?	aluate the lesson aga	inst the			
	Yes	In Part	No	NA			
16b.	Please provide an ex	xplanation to your ansv	ver in Q16 above				
17.		olanning of lessons tau arning over time, cons					
	Yes	In Part	No	NA			
17b.	Please provide an ex	xplanation to your answ	ver in Q17 above				
18.	Does the teacher pa during group work a	y attention to the com and assigns females lea	position of females andership roles.	nd males			
	Yes	In Part	No	NA			
18b.	Please provide an explanation to your answer in Q18 above						

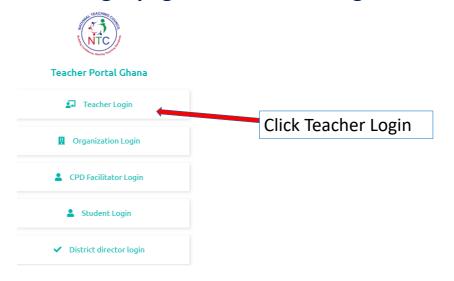
19.	Does the teacher provide constructive verbal feedback to both females and males and learners with special education needs?			
	Yes	In Part	No	NA
19b.	Please provide an ex	xplanation to your ansv	wer in Q19 above	
20.		ovide constructive wri with special education		
	Yes	In Part	No	NA
20b.	Please provide an ex	xplanation to your ansv	wer in Q20 above	
21.	Key strengths in the lesson			
22.	Areas for development			
23.	Next steps for teacher			
Additional Notes (on teacher's actions, the flow of activities, etc.)				

# Appendix 4: How to check CPD Points and Training Records on Teacher Portal Ghana

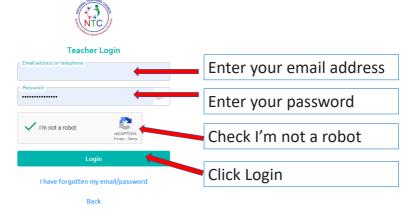
#### 1. Visit tpg.ntc.gov.gh and click Login



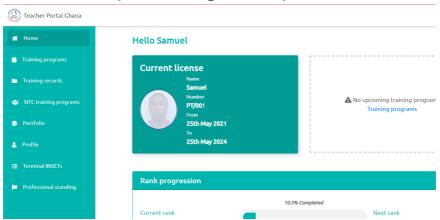
#### 2. On the Login page, click Teacher Login



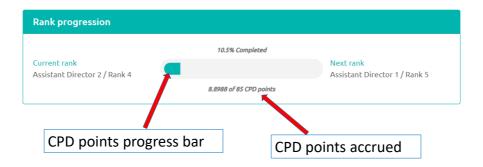
## 3. On the Teacher Login page enter your email address and password and then click Login



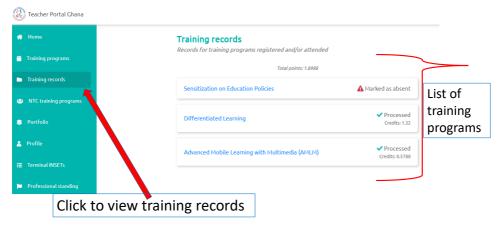
4. After a successful login you will get access to your TPG account (Check image below)



5. To check CPD points, scroll down to Rank progression. You will see the CPD points progress bar and actual points accrued (Check image below)



6. To view training records, from the side menu tap on Training records (Check image below)



## **THANK YOU**

