

ASSESSMENT PLAN

Grade	8	Subject	Natural Sciences and Technology	Work Schedule	Term	1	Week	7 to 9
Topic	Practical Task – Formal Practical Project Term 1 - Ecosystems			Duration	2 lessons over two weeks (Learners submit the project in week 9)			
Start Date		End Date		ESD Integrated Topic	Biodiversity			
Content	<ul style="list-style-type: none"> Interactions and interdependence within the environment 							
Cross Curriculum	<ul style="list-style-type: none"> Home Language – Term 2 June Exam Paper 3 – Biodiversity Geography – Term 1 Task – Map Skills and the introduction of Biodiversity 							

Activities

Complete the Practical Task on Interactions and interdependence within the environment over a period of 3 weeks. This prepared assessment focuses on introducing additional Education for Sustainable Development (ESD) cross-curriculum topics to create a better foundation for learners and to ensure the uptake of ESD topics within the formal schooling system. The cross-curriculum topic introduced in the project is Biodiversity. This project will take about three weeks to complete. During the first week, learners gather and record data. During the second week, learners complete the practical task assessment questions. During the third week, learners present their data and data analysis as a report.

- Lesson 1: Week 1**

Teacher:

- Hand out projects to learners. Explain the project to learners and let them ask questions. Introduce the topic "Biodiversity and ecosystems" to your class and discuss it. Explain what is required of them to complete the task successfully. Take the learners outside to identify the plots where they will be collecting their data.

- **Week 2** (1 Lesson)

Teacher:

- Ask the learners to tell the class about their plot. Ask them to
- Describe their ecosystem,
- Describe the biodiversity of the ecosystem and
- Identify the threats that can affect the biodiversity of their study area (ecosystem).
- Identify ways to increase the biodiversity in their ecosystem.
- Discuss the scientific method and that they are utilizing the scientific method to gather evidence and draw conclusions

Learners: Complete the final version of the Task

- **Week 3** (1 Lesson)

Teacher: Provide feedback to the learners on their tasks.

Learners: Present your final data and analysis as a report.

Assessment Tasks Project

Types of Assessment Individual

Forms of Assessment Formal

Skills

- Accessing and recalling information,
- Observing,
- Measuring,
- Sorting and classifying,
- Investigating, Recording information, and
- Language Skills

Additional Notes

Resources

For additional resources on Biodiversity, access the following Biodiversity Network Focus Area resources on the [Sustainable Schools Hub](#) and make sure to read the [Biodiversity Network Guidebook](#).

Enrichment

There are also more informal activities for the learners to do on the [Sustainable Schools Hub](#).