Sustainable Schools

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ASSESSMENT PLAN

Grade	4	**Subject**	Natural Sciences and Technology	**Work Schedule**	**Term**	3	**Week**	8

Topic	Formal Test	**Duration**	2 Lessons

Start Date		**End Date**		**ESD Integrated Topic**	Marine and Coast

Content

The assessment covers most of the work completed in Term 3. Topics that need to be covered prior to assessment include:
Energy for life

- Energy from the sun
- Energy
- Input and Output energy
- Movement and musical instruments
- Vibrations and sound
- Noise pollution

Content and skills assessed with this assessment include:

- Sequence on energy and food chain.
- Showing how the energy from the sun is transferred through food by plants to animals / a person's body.
- Explain the input and output of energy from a selection of machines and appliances

Cross Curriculum

- Life Skills – Creative Arts: Visual Literacy, create a 2D and 3D wild animal.
- Home Language – Term 3 Visual Text – Week 3 – Awareness of animals and World Ocean Day.

Activities

This prepared assessment focused on introducing additional cross-curriculum topics to create a better foundation for the learners. This test is an assessment of Term 3's work, Energy and Change. It also includes a question about a Marine Food web/chain.

Please refer to the **Marine & Coast Guidebook** to learn more about marine and coastal environments and what action you and your learners can take to protect our valuable marine and coastal resources.

The assessment aims to assess and develop skills outlined in CAPS, create awareness amongst students, and introduce marine and coastal topics.

- **Week 8** 2 Lessons

Teacher:
Hand out the test. Learners have to complete the test without assistance from the teachers.

Learners: Complete the test in the test book.

- **Week 9** (1 Lesson)

Teacher: Provide feedback to the learners on their test and discuss what they have learnt from doing the test.
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Learners: Learners make corrections on their tests.

Assessment Tasks	Test	**Types of Assessment**	Individual	**Forms of Assessment**	Formal

Skills

Reading with comprehension, Reporting back on what they have learnt; using critical and creative thinking; working effectively as individuals; organise and managing themselves and their activities responsibly and effectively; communicating effectively using visual, symbolic and language skills in various modes; using science and technology effectively and critically showing responsibility towards the environment.

Resources

Learner Text Book
Additional Resources:

- Thunderbolt Grade 4: http://www.thunderboltkids.co.za/Grade4/03-energy-and-change/chapter1.html#

For additional ESD-related resources on Marine refer to

- **Sustainable School's Marine and Coast Focus Area Guidebook**

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Additional Notes

This test can also be used as an additional informal assessment.

Enrichment

Here are links to more fun outside informal activities for the learners to do

- Science games for kids http://www.thunderboltkids.co.za/science-adventures.html