

2020 REVISED CURRICULUM AND ASSESSMENT PLANS

NATURAL SCIENCES AND TECHNOLOGY

GRADE 5

Implementation: June 2020



PRESENTATION OUTLINE

1. Purpose
2. Amendments to the Content Overview for the Phase;
3. Amendments to the Annual Teaching Plan;
4. Amendments to School Based Assessment (SBA)

PURPOSE

- To mediate the amendments of the trimmed and re-organised 2020 Annual Teaching Plan including School Based Assessment for **Natural Sciences and Technology**, Grade 5 for implementation in June 2020 as stipulated in Circular S2 of 2020.
- To ensure that **meaningful teaching proceeds** during the remaining teaching time as per the revised school calendar.
- To assist teachers with **guided pacing and sequencing** of curriculum content and assessment.

Amendments to the Content Overview for the Phase

CONTENT OVERVIEW FOR THE PHASE

NATURAL SCIENCES AND TECHNOLOGY

Term	Grade 4	Grade 5	Grade 6
1	<ul style="list-style-type: none"> • Living and non-living things • Structure of plants and animals • What plants need to grow • Habitats of animals • Structures for animal shelters 	<ul style="list-style-type: none"> • Plants and animals on Earth • Animal skeletons • Skeletons as structures • Food chains • Life Cycles 	<ul style="list-style-type: none"> • Photosynthesis • Nutrients in food • Nutrition • Food processing • Ecosystems and Food webs
2	<ul style="list-style-type: none"> • Materials around us 	<ul style="list-style-type: none"> • Metals and non-metals • Uses of metals 	<ul style="list-style-type: none"> • Solids, Liquids and gases • Mixtures • Solutions as special mixtures
3	<ul style="list-style-type: none"> • Materials around us • Solid materials • Strengthening materials 	<ul style="list-style-type: none"> • Uses of Metals • Processing materials • Processed materials 	<ul style="list-style-type: none"> • Dissolving • Mixtures and water resources • Processes to purify water • Electric circuits

AMENDMENTS TO THE CONTENT OVERVIEW FOR THE PHASE

- The Revised Natural Sciences and Technology ATP has the **same content as in CAPS**;
- The remaining **content** is does establish **requisite knowledge and skills** to proceed with the learning of science concepts in the Senior Phase;
- Content in some topics has been **reduced**; and some topics have been **cut out completely**;
- Content for *Planet Earth and Beyond* has been removed completely;
- *Knowledge Strands* **Matter and Materials** and **Energy and Change** flow over to Terms 3 and 4 respectively;
- **Textbooks** can be used as they are, but noting the omitted content in the Revised Natural Sciences and Technology ATP.



SUMMARY: CONTENT/TOPICS AMENDED

Content/Topics	Terms	Amendment
Metals and non-metals	2	Retained
Uses of metals	2	Retained
Uses of Metals	3	Retained
Processing materials	3	Retained
Processed materials	3	Retained
Stored energy in fuels	4	Retained
Energy and electricity	4	Retained
Energy and movement	4	Retained
Systems for moving things	4	Reduced

INFORMAL ASSESSMENT

- **Informal assessment** should continue as normal, and as stated in the Revised Natural Sciences and Technology ATP, which is no different from CAPS;
- At every opportunity, **Science Process Skills** should be developed and assessed in the teaching and learning of the subject;
- **Recording** of informal assessment is left to the discretion of the teacher;
- Learners should **read** and **write regularly** to develop **language** skills;



Amendments School Based Assessment (SBA)

SUMMARY: REVISED PROGRAMME OF ASSESSMENT

Term 1	Term 2	Term 3	Term 4
Assessment tasks administered and reported on.	Test on Term 2 work	Test on Term 3 work	Test on Term 3 and 4 work with the following distribution: Term 3 work 40% Term 4 work 60%



Contact Details

Name: CES: Mr S Qanya

Department of Basic Education

Tel: 012 357 4139

Email: Qanya.S@dbe.gov.za



THANK
YOU

