

# **NATURAL SCIENCES & TECHNOLOGY**

GRADE 5 TERM 2

Tracker



Week 1											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
		Class					Class				
		Date Completed					Date Completed				
Week 1 Lesson A											
<b>Topic: Metals and non-metals</b> <b>Content &amp; Concepts: Properties of metals</b> <ul style="list-style-type: none"> <li>Some properties of metals: shiny, hard, strong, can be hammered, shaped (malleable) and made into thin wires without breaking (ductile), and melt at high temperatures</li> </ul>	35										
Week 1 Lesson B											
<b>Topic: Metals and non-metals</b> <b>Content &amp; Concepts: Properties of metals</b> <ul style="list-style-type: none"> <li>Some properties of metals: shiny, hard, strong, can be hammered, shaped (malleable) and made into thin wires without breaking (ductile), and melt at high temperatures</li> </ul>	35										
Week 1 Lesson C											
<b>Topic: Metals and non-metals</b> <b>Content &amp; Concepts: Properties of metals</b> <ul style="list-style-type: none"> <li>Metals are used to make things because they have certain properties</li> </ul>	35										
Reflection											
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Think about and make a note of: What went well? What did not go well? What did the learners find difficult or easy to understand or do? What will you do to support or extend learners? Did you cover all the work set for the week? If not, how will you get back on track?						What will you change next time? Why?					
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Week 2											
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Week 2 Lesson A											
<b>Topic: Metals and non-metals</b> <b>Content &amp; Concepts: Properties of metals</b> <ul style="list-style-type: none"> <li>Metals are shiny, hard, strong, malleable, ductile, melt at high temperatures</li> </ul>	35										
Week 2 Lesson B											
<b>Topic: Metals and non-metals</b> <b>Content &amp; Concepts: Properties of non-metals</b> <ul style="list-style-type: none"> <li>Some properties of solid non-metals: dull, can break easily (brittle)</li> </ul>	35										
Week 2 Lesson C											
<b>Topic: Metals and non-metals</b> <b>Content &amp; Concepts: Properties of non-metals</b> <ul style="list-style-type: none"> <li>Non-metals are used to make things because they have certain properties</li> </ul>	35										
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Week 3											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
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Week 3 Lesson A											
<b>Topic: Uses of metals</b> <b>Content &amp; Concepts: Other properties of metals</b> <ul style="list-style-type: none"> <li>Metals are useful because of their special properties</li> <li>Metals conduct heat</li> <li>Some metals are magnetic and some are not</li> </ul>	36										
Week 3 Lesson B											
<b>Topic: Uses of metals</b> <b>Content &amp; Concepts: Other properties of metals</b> <ul style="list-style-type: none"> <li>Only iron rusts (some metals tarnish or become dull)</li> </ul>	36										
Week 3 Lesson C											
<b>Topic: Uses of metals</b> <b>Content &amp; Concepts: Uses of metals</b> <ul style="list-style-type: none"> <li>Metals are used to make things such as buildings and bridges, motors cars</li> </ul>	36										
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Week 4 Lesson A											
<b>Topic: Uses of metals</b> <b>Content &amp; Concepts: Uses of metals</b> <ul style="list-style-type: none"> <li>Metals are used to make things such as coins, wire, jewellery, furniture, kitchen utensils</li> </ul>	36										
Week 4 Lesson B											
<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>Materials can be processed to make new materials/products</li> </ul>	37										
Week 4 Lesson C											
<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>Mixing and setting (such as Plaster of Paris or Polyfilla and water to make plaster)</li> </ul>	37										
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<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>Mixing and setting (such as sand, gravel, cement and water to make concrete)</li> </ul>	37										
Week 5 Lesson B											
<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>Mixing (such as flour and water to make a sticky paste that can be used as glue)</li> </ul>	37										
Week 5 Lesson C											
<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>Mixing and cooking (such as making dough)</li> </ul>	37										
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Week 6 Lesson A											
<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>Mixing and cooling (such as jelly powder and water to make jelly)</li> </ul>	37										
Week 6 Lesson B											
<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>Mixing, drying and/or firing (such as wet clay and straw to make clay bricks)</li> </ul>	37										
Week 6 Lesson C											
<b>Topic: Processing materials</b> <b>Content &amp; Concepts: Combining materials</b> <ul style="list-style-type: none"> <li>The properties of the new materials/products may be different from the properties of the materials we started with</li> </ul>	37										
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Week 7 Lesson A											
<b>Topic: Processed materials</b> <b>Content &amp; Concepts: Properties and uses</b> <ul style="list-style-type: none"> <li>Materials such as plaster of Paris, concrete, fabrics, ceramics and glass, plastics and paints, have their own special properties</li> </ul>	38										
Week 7 Lesson B											
<b>Topic: Processed materials</b> <b>Content &amp; Concepts: Properties and uses</b> <ul style="list-style-type: none"> <li>Materials such as plaster of Paris and concrete have their own special properties</li> <li>They can be strong, durable, waterproof, fire resistant, have interesting colours or textures</li> </ul>	38										
Week 7 Lesson C											
<b>Topic: Processed materials</b> <b>Content &amp; Concepts: Properties and uses</b> <ul style="list-style-type: none"> <li>Materials such as fabrics, ceramics and glass have their own special properties</li> <li>They can be strong, durable, waterproof, fire resistant, have interesting colours or textures</li> </ul>	38										
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Week 8											
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		Class					Class				
		Date Completed					Date Completed				
Week 8 Lesson A											
<b>Topic: Processed materials</b> <b>Content &amp; Concepts: Properties and uses</b> <ul style="list-style-type: none"> <li>Materials such as plastics and paint have their own special properties</li> <li>They can be strong, durable, waterproof, fire resistant, have interesting colours or textures</li> </ul>	38										
Week 8 Lesson B											
<b>Topic: Processed materials</b> <b>Content &amp; Concepts: Traditional processing</b> <ul style="list-style-type: none"> <li>In Africa people have processed materials for hundreds of years to make: clay pots and bricks, baskets, hats, mats, thatched roofs made from plant fibre such as grasses and reeds</li> </ul>	38										
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Week 9												
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		Class					Class					
		Date Completed					Date Completed					
Week 9 Lesson A												
<b>Topic: Revision</b>	35-38											
Week 9 Lesson B												
<b>Topic: Revision</b>	35-38											
Week 9 Lesson C												
<b>Topic: Revision</b>	35-38											
Reflection												
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Week 10											
<b>CAPS Concepts and Activities</b>	CAPS Page no.	Year:					Year:				
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<b>Examination</b>											
<b>Reflection</b>											
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