

**NATURALS SCIENCES  
& TECHNOLOGY**  
GRADE 6 TERM 1  
Tracker



Week 1											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
		Class					Class				
		Date Completed					Date Completed				
Week1 Lesson A											
<b>Topic: Lifecycles</b> <b>Content &amp; Concepts: Growth and development</b> <ul style="list-style-type: none"> <li>A life cycle describes the stages and processes that take place as a plant or animal grows and develops</li> <li>A lifecycle of a plant describes how one generation of a plant gives rise to the next generation through reproduction</li> </ul>	34										
Week1 Lesson B											
<b>Topic: Lifecycles</b> <b>Content &amp; Concepts: Growth and development</b> <ul style="list-style-type: none"> <li>A life cycle of an animal describes how one generation of an animal gives rise to the next through reproduction</li> <li>Death can occur at any stage of the life cycle</li> <li>Many animals care for their young in order for them to grow and develop</li> </ul>	34										
Week1 Lesson C											
<b>Topic: Photosynthesis</b> <b>Content &amp; Concepts: Plants and food</b> <ul style="list-style-type: none"> <li>Plants make their own food (glucose sugar) by a process called photosynthesis</li> <li>Photosynthesis takes place mainly in the leaves.</li> <li>During photosynthesis is the plant uses sunlight energy, carbon dioxide and water to make glucose sugar</li> </ul>	34										
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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Week2											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
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		Date Completed					Date Completed				
Week2 Lesson A											
<b>Topic: Photosynthesis</b> <b>Content &amp; Concepts: Plants and food</b> <ul style="list-style-type: none"> <li>Plants make their own food (glucose sugar) by a process called photosynthesis</li> <li>Photosynthesis takes place mainly in the leaves</li> <li>During photosynthesis the plant uses sunlight energy, carbon dioxide and water to make glucose sugar</li> </ul>	47										
Week2 Lesson B											
<b>Topic: Photosynthesis</b> <b>Content &amp; Concepts: Plants and food</b> <ul style="list-style-type: none"> <li>Plants change some of the glucose sugar into starch which they store in their leaves, stems and roots, flowers, fruits and seeds</li> </ul>	47										
Week2 Lesson C											
<b>Topic: Photosynthesis</b> <b>Content &amp; Concepts: Plants and food</b> <ul style="list-style-type: none"> <li>Plants change some of the glucose sugar into starch which they store in their leaves, stems and roots, flowers, fruits and seeds</li> </ul>	47										
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Week 3											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
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Week3 Lesson A											
<b>Topic: Photosynthesis</b> <b>Content &amp; Concepts: Plants and food</b> <ul style="list-style-type: none"> <li>Plants change some of the glucose sugar into starch which they store in their leaves, stems and roots, flowers, fruits and seeds</li> </ul>	47										
Week3 Lesson B											
<b>Topic: Photosynthesis</b> <b>Content &amp; Concepts: Plants and air</b> <ul style="list-style-type: none"> <li>During photosynthesis the plant uses carbon dioxide from the air and gives off oxygen into the air</li> </ul>	47										
Week3 Lesson C											
<b>Topic: Photosynthesis</b> <b>Content &amp; Concepts: Plants and air</b> <ul style="list-style-type: none"> <li>Animals, including people, use the oxygen from the air for breathing and give out carbon dioxide which is used by plants for photosynthesis</li> </ul>	47										
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Week4											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
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Week3LessonA											
<b>Topic: Nutrients in food</b> <b>Content &amp; Concepts: Food groups</b> <ul style="list-style-type: none"> <li>Foods can be grouped according to the functions in the body and the main nutrients they supply</li> </ul>	48										
Week3 Lesson B											
<b>Topic: Nutrients in food</b> <b>Content &amp; Concepts: Food groups</b> <ul style="list-style-type: none"> <li>Foods for energy-Carbohydrates</li> <li>Foods for growth and repair-Proteins</li> </ul>	48										
Week3 Lesson C											
<b>Nutrients in food</b> <b>Content &amp; Concepts: Food groups</b> <ul style="list-style-type: none"> <li>Foods for storing energy (in the form of body fats) and providing insulation and protection for nerves and organs –fats and oils</li> <li>Foods for building bones and teeth, and maintaining a healthy immune system- vitamins and minerals</li> </ul>	48										
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Week 5											
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Week5 Lesson A											
<b>Topic: Nutrients in food</b> <b>Content &amp; Concepts: Food groups</b> <ul style="list-style-type: none"> <li>Most natural foods contain a mixture of more than one nutrient group</li> <li>Most processed (manufactured) foods have added salt, sugar, preservatives, flavourings and colourings</li> </ul>	48										
Week5 Lesson B											
<b>Topic: Nutrients in food</b> <b>Content &amp; Concepts: Food groups</b> <ul style="list-style-type: none"> <li>Most natural foods contain a mixture of more than one nutrient group</li> </ul>	48										
Week5 Lesson C											
<b>Topic: Nutrition</b> <b>Content and Concepts: Balanced diet</b> <ul style="list-style-type: none"> <li>A diet refers to the selection of foods we eat every day</li> <li>A balanced diet contains sufficient quantities of food from all four nutrient groups, as well as water and fibre</li> </ul>	48										
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Week 6											
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Week6 Lesson A											
<b>Topic: Nutrition</b> <b>Content and Concepts: Balanced diet</b> <ul style="list-style-type: none"> <li>A balanced diet contains sufficient quantities of food from all four nutrient groups, as well as water and fibre</li> </ul>	49										
Week5 Lesson B											
<b>Topic: Nutrition</b> <b>Content and Concepts: Balanced diet</b> <ul style="list-style-type: none"> <li>A balanced diet contains sufficient quantities of food from all four nutrient groups, as well as water and fibre</li> </ul>	49										
Week5 Lesson C											
<b>Topic: Nutrition</b> <b>Content and Concepts: Balanced diet</b> <ul style="list-style-type: none"> <li>Some diseases can be related to diet</li> </ul>	49										
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Week 7											
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Week7 Lesson A											
<b>Topic: Food chains</b> <b>Content &amp; Concepts: Food and feeding</b> <ul style="list-style-type: none"> <li>Green plants make their own food</li> <li>They build their own branches and stems using water and carbon dioxide from the air and energy from sunlight They use carbon dioxide from the air and release oxygen into the air</li> </ul>	49										
Week7 Lesson B											
<b>Topic: Food chains</b> <b>Content &amp; Concepts: Food and feeding</b> <ul style="list-style-type: none"> <li>Animals need food to carry out their life processes (to move, feed, grow, sense the environment, excrete, breathe and reproduce) All animals depend on plants as their primary source of food (herbivores, omnivores and carnivores)</li> </ul>	49										
Week 7 Lesson C											
<b>Topic: Food chains</b> <b>Content &amp; Concepts: Food and feeding</b> <ul style="list-style-type: none"> <li>A food chain describes the feeding relationships between plants and animals</li> <li>A food chain starts with a plant (produces food)</li> <li>Then follows with an animal that eats the plant</li> <li>After that an animal then eats the animal</li> <li>There is a transfer of energy which flows from the plant through to the last animal in the chain</li> </ul>	49										
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Week 8											
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		Date Completed					Date Completed				
Week8 Lesson A											
<b>Topic: Ecosystems and food webs</b> <b>Content and Concepts: Different ecosystems</b> <ul style="list-style-type: none"> <li>An ecosystem is an area where living and non-living things depend one another in many different ways</li> <li>There are many different ecosystems such as mountains, grasslands, forests, deserts, which support different kinds of living things</li> </ul>	49										
Week 8 Lesson B											
<b>Topic: Ecosystems and food webs</b> <b>Content and Concepts: Living and non-living things in ecosystems</b> <ul style="list-style-type: none"> <li>In an ecosystem there are certain relationships between living things(plants, animals/people, micro-organisms) and non-living things (air, water, sunlight, soil)in a particular area</li> <li>In an ecosystem, plants and animals are connected by their feeding relationships. This is called a food web.</li> </ul>	49										
Week8 Lesson C											
<b>Topic: Ecosystems and food webs</b> <b>Content and Concepts: Food webs</b> <ul style="list-style-type: none"> <li>A food web consists of plants(producers) which produce food for themselves and animals; animals(consumers) which are herbivores, carnivores, omnivores; micro-organisms(decomposers) that break down dead plant and animal matter and return nutrients to the soil</li> </ul>	49										
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Week 9											
		Year:					Year:				
		Class					Class				
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<b>Week9 Lesson A</b>											
<b>Topic: Ecosystems and food webs</b> <b>Content and Concepts: Different ecosystems</b> <ul style="list-style-type: none"> <li>An ecosystem is an area where living and non-living things depend one another in many different ways</li> <li>There are many different ecosystems such as mountains, grasslands, forests, deserts, which support different kinds of living things</li> </ul>	50										
<b>Week9 Lesson B</b>											
<b>Topic: Ecosystems and food webs</b> <b>Content and Concepts: Living and non-living things in ecosystems</b> <ul style="list-style-type: none"> <li>In an ecosystem there are certain relationships between living things(plants, animals/people, micro-organisms) and non-living things (air, water, sunlight, soil)in a particular area</li> <li>In an ecosystem, plants and animals are connected by their feeding relationships. This is called a food web.</li> </ul>	50										
<b>Week8 Lesson C</b>											
<b>Topic: Ecosystems and food webs</b> <b>Content and Concepts: Food webs</b> <ul style="list-style-type: none"> <li>A food web consists of plants(producers) which produce food for themselves and animals; animals (consumers) which are herbivores, carnivores, omnivores; micro-organisms(decomposers) that break down dead plant and animal matter and return nutrients to the soil</li> </ul>	50										

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		Date Completed					Date Completed				
Week10 Lesson A											
<b>Topic: Revision</b>	47-63										
Week10 Lesson B											
<b>Topic: Revision</b>	47-63										
Week10 Lesson C											
<b>Topic: Revision</b>	47-63										
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