## NATURAL SCIENCES & TECHNOLOGY

GRADE 6 TERM 1
Tracker

	Week 1										
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CAPS Concepts and Activities	Page										
	no.	Da	te C	omi	alete	-4 -	D	ate (	`omi	olete	h'd
Week 1 Lesson A											
Topic: Photosynthesis	47										
Content & Concepts: Plants and food											
Plants make their own food (glucose											
sugar) by a process called											
photosynthesis											
<ul> <li>Photosynthesis takes lace mainly in the leaves</li> </ul>											
During photosynthesis the plant uses											
sunlight energy, carbon dioxide and											
water to make glucose sugar											
Week 1 Lesson B											
Topic: Photosynthesis	47										
Content & Concepts: Plants and food											
Plants change some of the glucose sugar											
into starch which they store in their											
leaves, stems and roots, flowers, fruits											
and seeds											
Week 1 Lesson C	47										
Topic: Photosynthesis	47										
<ul> <li>Content &amp; Concepts: Plants and food</li> <li>Plants change some of the glucose sugar</li> </ul>											
into starch which they store in their											
leaves, stems and roots, flowers, fruits											
and seeds											
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work set for the week? If not, how will you get back	on track?										
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Week 2 Lesson A											
Topic: Photosynthesis	47										
Content & Concepts: Plants and food											
Plants change some of the glucose sugar											
into starch which they store in their											
leaves, stems and roots, flowers, fruits											
and seeds											
Week 2 Lesson B											
Topic: Photosynthesis	47										
Content & Concepts: Plants and air	7,										
During photosynthesis the plant uses											
carbon dioxide from the air and gives											
off oxygen into the air											
Week 2 Lesson C											
Topic: Photosynthesis	47										
Content & Concepts: Plants and air											
<ul> <li>Animals, including people, use the oxygen from the air for breathing and</li> </ul>											
give out carbon dioxide which is used											
by plants for photosynthesis											
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Week 3 Lesson A															
Topic: Nutrients in food	48														
<ul> <li>Content &amp; Concepts: Food groups</li> <li>Foods can be grouped according to</li> </ul>															
the functions in the body and the															
main nutrients they supply															
Week 3 Lesson B															
Topic: Nutrients in food	48														
<ul> <li>Content &amp; Concepts: Food groups</li> <li>Foods for energy - Carbohydrates</li> </ul>															
Foods for growth and repair - Proteins															
g															
Week 3 Lesson C															
Nutrients in food	48														
Content & Concepts: Food groups															
<ul> <li>Foods for storing energy (in the form of body fats) and providing insulation</li> </ul>															
and protection for nerves and organs															
– fats and oils															
<ul> <li>foods for building bones and teeth,</li> </ul>															
and maintaining a healthy immune															
system - vitamins and minerals															
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Topic: Nutrients in food	62										
Content & Concepts: Food groups											
<ul> <li>Most natural foods contain a mixture of</li> </ul>											
more than one nutrient group											
Most processed (manufactured) foods     have added self-cursor processes in the self-cursor proces											
have added salt, sugar, preservatives, flavourings and colourings											
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Week 4 Lesson B											
Topic: Nutrients in food	63										
Content & Concepts: Food groups											
<ul> <li>Most natural foods contain a mixture of</li> </ul>											
more than one nutrient group											
Week 4 Lesson C	63										
Topic: Nutrition Content and Concepts: Balanced diet	63										
A diet refers to the selection of foods we											
eat every day											
A balanced diet contains sufficient											
quantities of food from all four nutrient											
groups, as well as water and fibre											
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A balanced diet contains sufficient												
quantities of food from all four nutrient												
groups, as well as water and fibre												
Week 5 Lesson B												
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Content and Concepts: Balanced diet												
A balanced diet contains sufficient												
quantities of food from all four nutrient												
groups, as well as water and fibre												
Week 5 Lesson C	40											
Topic: Nutrition	49											
Content and Concepts: Balanced diet     Some diseases can be related to diet												
Some diseases can be related to diet												
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Topic: Food processing	49											
Content & Concepts: Need for												
processing food												
Food is processed to: make it edible												
(preparing and cooking); make it last												
longer (preserving); improve its nutrient												
<ul><li>value (fermenting)</li><li>During processing, many foods may lose</li></ul>												
some of their nutrients												
Week 6 Lesson B												
Topic: Food processing	49											
Content and Concepts: Methods for												
<ul><li>processing foods</li><li>There are many different methods</li></ul>												
(ways) to process foods												
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Content and Concepts: Methods for												
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Week 7 Lesson A				lipict				20111	Jiett	Ju	
Topic: Food processing	49										
Content and Concepts: Methods for											
processing foods											
There are many different methods											
(ways) to process foods											
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Topic: Food processing	49										
Content and Concepts: Methods for											
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Week 8 Lesson A											
Topic: Ecosystems and food webs	50										
Content and Concepts: Different											
<ul><li>ecosystems</li><li>An ecosystem is an area where living</li></ul>											
and non-living things depend on each											
other in many different ways											
Week 8 Lesson B	F.0										
Topic: Ecosystems and food webs	50										
Content and Concepts: Different ecosystems											
There are many different ecosystems											
such as rivers, sea, rocky shore, ponds,											
wetlands, which support different kinds											
of living things											
Week 8 Lesson C											
Topic: Ecosystems and food webs	50										
Content and Concepts: Different											
ecosystems											
<ul> <li>There are many different ecosystems such as mountains, grasslands, forests,</li> </ul>											
deserts, which support different kinds of											
living things											
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## NECT LEARNING PROGRAMME: NATURAL SCIENCES & TECHNOLOGY GRADE 6 TERM 1 TRACKER

Year:		
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 9										
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CAPS Concepts and Activities	Page										
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Week 9 Lesson A											
Topic: Ecosystems and food webs	50										
Content and Concepts: Living and non-											
living things in ecosystems											
In an ecosystem there are certain  Talation ships between living this are											
relationships between living things (plants, animals/people, micro-											
organisms) and non-living things (air,											
water, sunlight, soil) in a particular area											
Week 9 Lesson B											
Topic: Ecosystems and food webs	50										
Content and Concepts: Food webs											
<ul> <li>In an ecosystem, plants and animals are connected by their feeding</li> </ul>											
relationships. This is called a food web.											
Week 9 Lesson C											
Topic: Ecosystems and food webs	50										
Content and Concepts: Food webs											
<ul> <li>A food web consists of plants</li> </ul>											
(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											
nutrients to the son											
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## NECT LEARNING PROGRAMME: NATURAL SCIENCES & TECHNOLOGY GRADE 6 TERM 1 TRACKER

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Week 10 Lesson A												
Topic: Revision	47-63											
Week 10 Lesson B	47.62											
Topic: Revision	47-63											
Week 10 Lesson C												
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