

NATURAL SCIENCES & TECHNOLOGY

GRADE 6 TERM 1

Tracker



Week 1											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
		Class					Class				
		Date Completed					Date Completed				
Week 1 Lesson A											
Topic: Photosynthesis Content & Concepts: Plants and food <ul style="list-style-type: none"> Plants make their own food (glucose sugar) by a process called photosynthesis Photosynthesis takes place mainly in the leaves During photosynthesis the plant uses sunlight energy, carbon dioxide and water to make glucose sugar 	47										
Week 1 Lesson B											
Topic: Photosynthesis Content & Concepts: Plants and food <ul style="list-style-type: none"> Plants change some of the glucose sugar into starch which they store in their leaves, stems and roots, flowers, fruits and seeds 	47										
Week 1 Lesson C											
Topic: Photosynthesis Content & Concepts: Plants and food <ul style="list-style-type: none"> Plants change some of the glucose sugar into starch which they store in their leaves, stems and roots, flowers, fruits and seeds 	47										
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											
Topic: Photosynthesis Content & Concepts: Plants and food <ul style="list-style-type: none"> Plants change some of the glucose sugar into starch which they store in their leaves, stems and roots, flowers, fruits and seeds 	47										
Week 2 Lesson B											
Topic: Photosynthesis Content & Concepts: Plants and air <ul style="list-style-type: none"> During photosynthesis the plant uses carbon dioxide from the air and gives off oxygen into the air 	47										
Week 2 Lesson C											
Topic: Photosynthesis Content & Concepts: Plants and air <ul style="list-style-type: none"> Animals, including people, use the oxygen from the air for breathing and give out carbon dioxide which is used by plants for photosynthesis 	47										
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Week 3											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
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Week 3 Lesson A											
Topic: Nutrients in food Content & Concepts: Food groups <ul style="list-style-type: none"> Foods can be grouped according to the functions in the body and the main nutrients they supply 	48										
Week 3 Lesson B											
Topic: Nutrients in food Content & Concepts: Food groups <ul style="list-style-type: none"> Foods for energy - Carbohydrates Foods for growth and repair - Proteins 	48										
Week 3 Lesson C											
Nutrients in food Content & Concepts: Food groups <ul style="list-style-type: none"> Foods for storing energy (in the form of body fats) and providing insulation and protection for nerves and organs – fats and oils foods for building bones and teeth, and maintaining a healthy immune system - vitamins and minerals 	48										
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Week 4											
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Week 4 Lesson A											
Topic: Nutrients in food Content & Concepts: Food groups <ul style="list-style-type: none"> Most natural foods contain a mixture of more than one nutrient group Most processed (manufactured) foods have added salt, sugar, preservatives, flavourings and colourings 	62										
Week 4 Lesson B											
Topic: Nutrients in food Content & Concepts: Food groups <ul style="list-style-type: none"> Most natural foods contain a mixture of more than one nutrient group 	63										
Week 4 Lesson C											
Topic: Nutrition Content and Concepts: Balanced diet <ul style="list-style-type: none"> 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 	63										
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Week 5 Lesson A											
Topic: Nutrition Content and Concepts: Balanced diet <ul style="list-style-type: none"> A balanced diet contains sufficient quantities of food from all four nutrient groups, as well as water and fibre 	49										
Week 5 Lesson B											
Topic: Nutrition Content and Concepts: Balanced diet <ul style="list-style-type: none"> A balanced diet contains sufficient quantities of food from all four nutrient groups, as well as water and fibre 	49										
Week 5 Lesson C											
Topic: Nutrition Content and Concepts: Balanced diet <ul style="list-style-type: none"> Some diseases can be related to diet 	49										
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Week 6											
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Week 6 Lesson A											
Topic: Food processing Content & Concepts: Need for processing food <ul style="list-style-type: none"> Food is processed to: make it edible (preparing and cooking); make it last longer (preserving); improve its nutrient value (fermenting) During processing, many foods may lose some of their nutrients 	49										
Week 6 Lesson B											
Topic: Food processing Content and Concepts: Methods for processing foods <ul style="list-style-type: none"> There are many different methods (ways) to process foods 	49										
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Week 7 Lesson A											
Topic: Food processing Content and Concepts: Methods for processing foods <ul style="list-style-type: none"> There are many different methods (ways) to process foods 	49										
Week 7 Lesson B											
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Week 8											
		Year:					Year:				
		Class					Class				
		Date Completed					Date Completed				
Week 8 Lesson A											
Topic: Ecosystems and food webs Content and Concepts: Different ecosystems <ul style="list-style-type: none"> An ecosystem is an area where living and non-living things depend on each other in many different ways 	50										
Week 8 Lesson B											
Topic: Ecosystems and food webs Content and Concepts: Different ecosystems <ul style="list-style-type: none"> There are many different ecosystems such as rivers, sea, rocky shore, ponds, wetlands, which support different kinds of living things 	50										
Week 8 Lesson C											
Topic: Ecosystems and food webs Content and Concepts: Different ecosystems <ul style="list-style-type: none"> There are many different ecosystems such as mountains, grasslands, forests, deserts, which support different kinds of living things 	50										
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NECT LEARNING PROGRAMME: NATURAL SCIENCES & TECHNOLOGY
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Week 9											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
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Week 9 Lesson A											
Topic: Ecosystems and food webs Content and Concepts: Living and non-living things in ecosystems <ul style="list-style-type: none"> 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 	50										
Week 9 Lesson B											
Topic: Ecosystems and food webs Content and Concepts: Food webs <ul style="list-style-type: none"> In an ecosystem, plants and animals are connected by their feeding relationships. This is called a food web. 	50										
Week 9 Lesson C											
Topic: Ecosystems and food webs Content and Concepts: Food webs <ul style="list-style-type: none"> 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 	50										
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Week 10												
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Week 10 Lesson A												
Topic: Revision	47-63											
Week 10 Lesson B												
Topic: Revision	47-63											
Week 10 Lesson C												
Topic: Revision	47-63											
Reflection												
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