

NATURAL SCIENCES & TECHNOLOGY

GRADE 4 TERM 2

Tracker



Week 1											
CAPS Concepts and Activities	CAPS Page no.	Year:					Year:				
		Class					Class				
		Date Completed					Date Completed				
Week 1 Lesson A											
Topic: Materials around us Content & Concepts: Solids, liquids and gases <ul style="list-style-type: none"> Solids, liquids and gases make up all the materials around us 	20										
Week 1 Lesson B											
Topic: Materials around us Content & Concepts: Solids, liquids and gases <ul style="list-style-type: none"> Some properties of solids, liquids and gases solids keep their shape 	20										
Week 1 Lesson C											
Topic: Materials around us Content & Concepts: Solids, liquids and gases <ul style="list-style-type: none"> liquids flow and take the shape of their container 	20										
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: Materials around us Content & Concepts: Solids, liquids and gases <ul style="list-style-type: none"> gases, such as air, tend to spread out, have no definite shape but can be contained (like in a balloon) 	20										
Week 2 Lesson B											
Topic: Materials around us Content & Concepts: Change of state <ul style="list-style-type: none"> heating and cooling (removing heat) cause solids, liquids and gases to change state 	20										
Week 2 Lesson C											
Topic: Materials around us Content & Concepts: Change of state <ul style="list-style-type: none"> A solid first changes to a liquid (melting) when heated and the liquid changes to a gas (evaporating) on further heating 	20										
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Week 3 Lesson A											
Topic: Materials around us Content & Concepts: Change of state <ul style="list-style-type: none"> Gas first changes to a liquid (condensing) when cooled and the liquid changes to a solid (freezing/solidifying) when cooled further 	20										
Week 3 Lesson B											
Topic: Materials around us Content & Concepts: The water cycle <ul style="list-style-type: none"> water evaporates, condenses, freezes and melts in the water cycle 	20										
Week 3 Lesson C											
Topic: Solid materials Content & Concepts: Raw and manufactured materials <ul style="list-style-type: none"> Examples of some raw materials we use to make other useful materials 	21										
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Week 4											
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Week 4 Lesson A											
Topic: Solid materials Content & Concepts: Raw and manufactured materials <ul style="list-style-type: none"> Sand is used to make glass Clay is used to make ceramics 	21										
Week 4 Lesson B											
Topic: Solid materials Content & Concepts: Raw and manufactured materials <ul style="list-style-type: none"> Coal and oil are used to make plastics, paints and fabrics 	21										
Week 4 Lesson C											
Topic: Solid materials Content & Concepts: Raw and manufactured materials <ul style="list-style-type: none"> Wood and fibre from plants are used to make paper 	21										
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Week 5											
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Week 5 Lesson A											
Topic: Solid materials Content & Concepts: Raw and manufactured materials <ul style="list-style-type: none"> Animal wool and hide are used to make fabrics and leather 	21										
Week 5 Lesson B											
Topic: Solid materials Content & Concepts: Properties of materials <ul style="list-style-type: none"> Raw and manufactured materials have specific properties. These properties can include being hard or soft, stiff or flexible, strong or weak, light or heavy, waterproof or absorbent 	21										
Week 5 Lesson C											
Topic: Strengthening materials Content & Concepts: Ways to strengthen materials <ul style="list-style-type: none"> There are different ways to strengthen materials (such as paper) to build a strong structure We can fold paper into hollow pillars which are circular, triangular or square 	22										
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Week 6											
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Week 6 Lesson A											
Topic: Strengthening materials Content & Concepts: Ways to strengthen materials <ul style="list-style-type: none"> We can fold paper into hollow pillars which are circular, triangular or square 	22										
Week 6 Lesson B											
Topic: Strengthening materials Content & Concepts: Ways to strengthen materials <ul style="list-style-type: none"> We can roll paper into long thin tubes (struts) 	22										
Week 6 Lesson C											
Topic: Strong frame structures Content & concepts: Strut and frame structures <ul style="list-style-type: none"> Struts are joined into triangular shapes making a strong stable structure, such as in roof trusses, bridges, cranes, pylons and skeletons (limb bones are struts) 	22										
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Topic: Strong frame structures Content & concepts: Strut and frame structures <ul style="list-style-type: none"> Struts are joined into triangular shapes making a strong stable structure, such as in roof trusses, bridges, cranes, pylons and skeletons (limb bones are struts) 	22										
Week 7 Lesson B											
Topic: Strong frame structures Content & Concepts: Indigenous structures <ul style="list-style-type: none"> Indigenous, traditional homes such as a Zulu hut (uguqa), Xhosa (rontabile and ungqu-phantsi) and Nama (matjieshuis) make use of a framework of struts (such as branches) 	22										
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Week 9											
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Week 9 Lesson A											
Topic: Revision	20-22										
Week 9 Lesson B											
Topic: Revision	20-22										
Week 9 Lesson C											
Topic: Revision	20-22										
Reflection											
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Week 10													
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Week 10 Lesson A													
Examination													
Reflection													
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