NATURAL SCIENCES & TECHNOLOGY

GRADE 6 TERM 2 Tracker

	Week 1											
		Yea	ar:				Year:					
CARC Constant and Author	CAPS		(Class	5			(Class	5		
CAPS Concepts and Activities	Page no.											
	110.	D	ate (Com	plete	ed	D	ate (Com	plete	d	
Week 1 Lesson A												
Topic: Solids, liquids and gases	52											
 Content & Concepts: Arrangement of particles All matter (solids, liquids and gasses) is made up of particles The particles are arranged differently in solids, liquids and gases In solids the particles are closely packed in a regular pattern – spaces between the particles are small and particles vibrate in on place In liquids the particles are closely packed in no fixed pattern – spaces between the particles are small but particles can move around each other In gases the particles are far apart from each other – spaces between the particles are big and particles move in all directions 												
Week 1 Lesson B	52											
Topic: Mixtures Content & Concepts: Mixtures of materials A mixture consists of at least two different substances/materials mixed together In some mixtures, the different substances are still clearly visible after mixing	32											
Week 1 Lesson C												
Topic: Mixtures Content & Concepts: Mixtures of materials A mixture consists of at least two different substances/materials mixed together In some mixtures, the different substances are still clearly visible after mixing	52											

Reflection		
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	e? Why?
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Week 2 Lesson A											
Topic: Mixtures	52										
Content & Concepts: Mixtures of											
materials											
The substances in some mixtures can be											
separated by physical means such as											
sieving, filtering, hand sorting, settling											
and decanting Week 2 Lesson B											
Topic: Solutions as special mixtures	53										
Content & Concepts: Solutions	33										
Solutions are also mixtures											
Some solutions can be made by mixing a											
solid and a liquid together such as sugar											
and water, salt and water											
Week 2 Lesson C											
Topic: Solutions as special mixtures	53										
Content & Concepts: Solutions											
Solutions are uniform in appearance											
The solid cannot be seen after mixing	Reflection	10									
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Think about and make a note of: What went well? W well? What did the learners find difficult or easy to u			What	will you	chan	ge ne	xt tim	e? Wl	hy?		
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Week 3											
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Week 3 Lesson A											
Topic: Solutions as special mixtures	53										
Content & Concepts: Soluble substances											
Soluble solids (solutes) can dissolve in											
water (solvent)											
Week 3 Lesson B											
Topic: Solutions as special mixtures	53										
Content & Concepts: Soluble substances											
The substances in solutions cannot be											
separated by sieving, filtering, hand											
sorting, settling and decanting Some solutes can be recovered											
(separated) by evaporating the solvent											
(such as recovering salt from sea water)											
When substances dissolve, solute											
particles become dispersed in the spaces											
between the solvent particles											
Week 3 Lesson C											
Topic: Solutions as special mixtures	53										
 Content & Concepts: Soluble substances Some solutes can be recovered 											
(separated) by evaporating the solvent											
(such as recovering salt from sea water)											
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Week 4 Lesson A													
Topic: Solutions as special mixtures	53												
Content & Concepts: Soluble substances													
When substances dissolve, solute													
particles become dispersed in the spaces													
between the solvent particles													
Week 4 Lesson B													
Topic: Solutions as special mixtures	53												
Content & Concepts: Saturated solutions													
A solution is saturated when no more													
solute can dissolve in a given amount of													
solvent													
Week 4 Lesson C													
Topic: Solutions as special mixtures	53												
Content & Concepts: Insoluble													
substances													
Some solids will not form a solution in													
water (insoluble solids)													
	Reflection	n											
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Topic: Dissolving	54											
Content & Concepts: Rates of dissolving												
Factors that affect the rate of dissolving:												
temperature of the mixture, stirring or shaking the mixture, grain size of the												
solute												
Week 5 Lesson B												
Topic: Dissolving	54											
Content & Concepts: Rates of dissolving												
Factors that affect the rate of dissolving:												
temperature of the mixture, stirring or shaking the mixture, grain size of the												
solute												
Week 5 Lesson C												
Topic: Mixtures and water resources	55											
 Content & Concepts: Water pollution In the environment, many things mix or 												
dissolve in water												
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Think about and make a note of: What went well? W	/hat did not	go	W	/hat w	ill you	ı char	ige ne	xt tim	ne? W	hy?		
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Week 6											
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Week 6 Lesson A			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		piet.					J. C.C.	, u
Topic: Mixtures and water resources	55										
Content & Concepts: Water pollution											
Water can be polluted by insoluble											
substances such as oil, plastics, tyres,											
tins, glass, toilet waste											
Week 6 Lesson B											
Topic: Mixtures and water resources	55										
Content & Concepts: Water pollution											
Water can be polluted by soluble											
substances such as soaps, fertilizers, insecticides, acids and other poisons											
Water can be polluted from living germs											
from toilet waste causing water-borne											
illnesses such as diarrhoea											
Week 6 Lesson C											
Topic: Mixtures and water resources	55										
Content & Concepts: Importance of											
wetlands											
Natural wetlands are important for											
removing soluble and insoluble substances from the water											
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Think about and make a note of: What went well? W well? What did the learners find difficult or easy to u			W	/hat w	ill you	ı char	ige ne	xt tim	ie? W	hy?	
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Week 7 Lesson A												
Topic: Mixtures and water resources	55											
Content & Concepts: Importance of												
wetlands												
Natural wetlands are important for												
acting like sponges and regulating the flow of water												
now or water												
Week 7 Lesson B												
Topic: Processes to purify water	55											
Content & Concepts: Clean water												
A clean supply of water is important for												
people, plants and animals												
Week 7 Lesson C												
Topic: Processes to purify water	55											
Content & Concepts: Clean water												
Water can be cleaned by processes such												
as sieving, filtering, settling, decanting,												
boiling and adding chemicals to kill germs												
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Week 8												
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Week 8 Lesson A												
Topic: Processes to purify water	55											
Content & Concepts: Clean water												
 Municipal water is cleaned before and after we use it 												
arter we use it												
Week 8 Lesson B												
Topic: Processes to purify water	55											
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Water can be cleaned by processes such												
as sieving, filtering, settling, decanting,												
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Topic: Processes to purify water	55											
Content & Concepts: Clean water												
Water can be cleaned by processes such												
as sieving, filtering, settling, decanting,												
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