

SKILLS MAPPINGSUBJECT ScienceGRADE 5

Timetable	Topic	Content	Skills	Performance Objective	Assessment
3 Weeks	Controlled Studies	Components of a Controlled Study	<ul style="list-style-type: none">- Identify Problem Statement- Identify Hypothesis- Identify Manipulated Variable, Dependent Variable and Controlled Variable- List Materials- List Procedure- Record Observations- Draw Conclusions	Process Skills based on Standard Four	Lab Performance Unit Test

SKILLS MAPPING

SUBJECT Science

GRADE 5

Timetable	Topic	Content	Skills	Performance Objective	Assessment
3 Weeks	Physical Science/ Powders and Crystals	Observation Safety Rules	<ul style="list-style-type: none">- Observing the various properties of sugar cubes - identify how to avoid contamination- Eye protection- implement match safety procedures - develop a scientific method for identifying the unknown substances	4.3.1a Process Skills- General Skills 1	Lab performance Lab performance

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
		Physical Science/ Powders/ Crystals	<ul style="list-style-type: none">- observe and record results of solubility- observe and record results of mixing vinegar- observe and record results of adding iodine to test for starch- observe and record results of adding BTB to test to see if it is an acid or base- observe and record results of adding heat	4.3.1b Process Skill- General Skills 9	Lab performance Unit test

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3 Weeks	Physical Science/ Powders and Crystals	Physical and Chemical Changes Law of Conservation of Mass Characteristics/ Properties Chemical Reactions	<ul style="list-style-type: none">- Observing- Communicating- Classifying- Manipulating- Collecting Data- Generalizing- Formulating Hypothesis- Interpreting Data- Making Decisions	4.3.1a 4.3.1b 4.3.2a 4.3.2b 4.3.2 c 4.3.2d	Lab Performances Written Lab Reports Unit Test

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
	Physical Science		<ul style="list-style-type: none">- Describe how living things, including humans, depend upon the living and nonliving environment for their survival- Describe the effects of environmental changes on humans and other populations	4.7.1a 4.7.1b 4.7.1c 4.7.1d 4.7.2a 4.7.2d	

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3 Weeks	Living Environment/ Plants	Seed Bearing Plants	- Understand the development of seed bearing plants	4.4.3e	Unit Test

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3 Weeks	Living Environment/ Meet the Creatures	Care of Meal Worms	- Discussion and demonstration of Humane treatment	4.3.1c	Lab Performance Unit Test
		Body Parts of a Meal Worm	- Observe and identify parts of the meal worm	4.4.3c	
		Life Cycle	- Identifying the stages of development of the meal worm	4.4.3c	

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	Living Environment	Environmental Reactions	<ul style="list-style-type: none">- Formulating hypothesis- Manipulating- Observing- Predicting- Making decisions- Identify variables- Inferring- Collecting data	4.3.1b	