

SKILLS MAPPING

SUBJECT Science

GRADE 1

Timetable	Topic	Content	Skills	Performance Objective	Assessment
4 Weeks	<u>P.S.</u> Properties	Classification	Sort by attributes Comparing objects Ordering objects by attributes Measuring volume, weight Predicting buoyancy Exploring time durations	PS 3.1 Observe and describe the properties of material using appropriate tools	Lab performance Written journal

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
4 weeks (cont.)	<u>P.S.</u> Properties	Changes (Matter) Water Cycle	Grouping by traits Estimate Measure	PS 3.2 Describe chemical and physical changes including changes in the states of matter PS 2.1 Describe the relationships among air, water and land on earth	Lab performance Journal

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3 weeks	<u>P.S.</u> Design a constellation	Constellations/ Stars	Comparing constellations Identify means of observing constellations Describing constellations Constructing a model of a constellation Illustrating a constellation Writing a story about a constellation Designing a constellation	PS 1.1 Describe patterns of daily, monthly and seasonal changes on their environment	Design a constellation Oral presentation

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
All year	<u>P.S.</u> Weather Changes	Seasons Calendar Weather	Predicting Observing Recording Conducting experiments	PS 1.1 Describe patterns of daily, monthly and seasonal changes on their environment	Observation checklist

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2 weeks	<u>L.E.</u> Organisms	Pond Life	List physical characteristics of a pond Observe fish Label body parts Describe how fish and snails move Identify changes in life cycle	LE 1.1 Describe the characteristics of/and variations between living and non-living things. LE 1.2 Describe the life processes common to all living things LE 3.1 Describe how the structures of plants and animals complement the environment of plant or animal LE 5.1 Describe basic life functions of common living specimens LE 6.1 Describe how plants and animals, including humans, depend on each other and the non-living environment	Written observations

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4 weeks	<u>L.E.</u> Living Things	Mammals	Identify characteristics of mammals Identify different species (polar bear, black, grizzly) Identify adaptations that assist survival Compare and contrast characteristics	LE 1.1 Describe the characteristics of/and variations between living and non-living things. LE 1.2 Describe the life processes common to all living things LE 3.1 Recognize that traits of living things are both inherited and acquired or learned LE 2.1 Recognize that for humans and other living things there is genetic continuity between generations LE 3.1 Describe how the structures of plants and animals complement the environment of plant or animal LE 3.2 Observes that differences within a species may give individuals an advantage in surviving and reproducing LE 4.1 Describe the major stages in the life cycles of selected plants and animals. LE 5.1 Describe basic life functions of common living specimens LE 5.2 Describe some survival behaviors of common living specimens	Written observations

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3 Weeks	L.E. Living Environment	From Seed to Plant	Observe seeds Classify seeds Observe and draw a diagram of inside a seed Follow a sequence of directions to plant a seed Manipulate the conditions of class garden Observe seed growth and collect data Measure plant growth to collect data Record and communicate data Interpret data regarding plant growth Communicate proper plant care	See previous page	Lab performance Written journal

SKILLS MAPPING

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
3 Weeks	Changes in our World	Recycling	<p>Identify examples of change in our environment</p> <p>Find ways to respond to change</p> <p>Investigate ways we can make constructive changes in the environment and natural environment</p> <p>Identify examples of wear and tear in the natural physical environment.</p> <p>Decide whether to reuse, replace or repair.</p> <p>Find ways to use trash constructively</p> <p>Identify where we have to adapt to change</p> <p>Identify ways we can be a friend to the local community</p>	LE 7.1 Identify ways in which humans have changed their environment and the effects of those changes	Project rubric