

SKILLS MAPPING

SUBJECT Science

GRADE 3

Timetable	Topic	Content	Skills	Performance Objective	Assessment
3 weeks	LE Animals	<ul style="list-style-type: none">• Vertebrates• Classification of vertebrates• Body coverings• Body temperature• Insulators• Specialized body parts• Pollution's effect• Adaptation• Diffusion	<ul style="list-style-type: none">• Identify vertebrates• Id 5 classifications• Purpose/function• Gather & record data• Analyze data• Determine purpose/function• Observe and analyze• Define camouflage• Tell how amphibians breathe	<ul style="list-style-type: none">• LE 1.2a• LE 1.2a• LE 5.1b• LE 3.1• LE 3.1• LE 3.1• LE 7.1• LE 3.1, 5.1• LE 3.1, 5.1	<ul style="list-style-type: none">• Oral assess.• Performance - classifying• Lab performance• Lab performance• Written• Unit test• Written conclusion• Unit test• Written explanation

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<ul style="list-style-type: none">• 3 weeks	PS Weather	<ul style="list-style-type: none">• Gathering data• Water cycle • Clouds • Wind	<ul style="list-style-type: none">• Measure and record data• Create model • Identify and hypothesize types and weather conditions• Identify and generalize	<ul style="list-style-type: none">• PS 1.1• PS 2.1c • PS 2.1 • PS 2.1	<ul style="list-style-type: none">• log book • label and sequence a model• create a model • unit test

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
3-4 weeks	LE Starting from seed	<ul style="list-style-type: none">• Conditions for germination• Dispersion • Seed parts • Plant parts • Conditions for growth • Life cycle • Cycle of nature (food chain)	<ul style="list-style-type: none">• Classify and observe • Id variables • ID purpose and function • ID parts and function• Predict conditions using scientific method • Sequencing • Commun. Interdep. of nature	<ul style="list-style-type: none">• LE 1.1b, 2.1a,4.1a • LE 2.1a • LE 1.2a, 2.2b • LE 5.1 • LE 2.1, 4.1a • LE 2.1, 4.1a • LE 5.1b, 6.1c	<ul style="list-style-type: none">• Written test • Performance assess• Written quiz • Label diagram• Lab performance • Sequence life cycle/unit test• sequence

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
2 weeks	Physical Science - Matter	<ul style="list-style-type: none">• Matter• States and properties of matter• Phase changes• Physical changes• Chemical changes• Physical properties	<ul style="list-style-type: none">• Define matter• Classify objects• Observe, record, predict• Manipulate materials• Interpret data• Determine properties	<ul style="list-style-type: none">• LE 3.1a• LE 3.1b• LE 3.2a• LE 3.1g• LE 3.2c• LE 3.1c	<ul style="list-style-type: none">• Identify examples• Written test - classify• Lab perform.• Unit test• Unit test• Written assessment

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4 weeks	LE Butterflies	<ul style="list-style-type: none">• Habitat - needs• Lifecycle stages• Insect body parts• Specialized body parts• Adult body parts• Survival	<ul style="list-style-type: none">• Manipulate materials• Sequence stages• Observing - labeling• Differentiate body parts• Compare and contrast• ID survival methods	<ul style="list-style-type: none">• LE 1.1a, b, 6.1b• LE 1.2a• LE 3.1a• LE 2.2a, 3.1a• LE 2.2a, 3.1a• LE 3.1c	<ul style="list-style-type: none">• Observations• create model of life cycle• unit test• unit test• quiz (classify attributes)• unit test

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2 weeks	PS Energy	<ul style="list-style-type: none">• Types• Sources• Converting energy• Transfer energy• Purpose• Renewable energy• Conserving energy	<ul style="list-style-type: none">• Identify types• Determine source• Transformation chain• Comm. Concept• Determine helpfulness• Identify renewable energy sources• ID ways to conserve	<ul style="list-style-type: none">• PS 4.1a, e• LE 6.2a, 6.2b,• PS 3.2b,• PS 4.1d• 4.2 a, b• 4.1b, c, e, f• 4.1g• 7.1a• SI 1.1a, b	<ul style="list-style-type: none">• Written activity• Perform (web + sorting)• Perform (create model)• Oral explanation• Written quiz• Lab (log book)• Written

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2 weeks	PS Matter	<ul style="list-style-type: none">• Matter• States and properties of matter• Phase changes• Physical changes• Chemical changes• Physical properties	<ul style="list-style-type: none">• Define matter• Classify objects• Observe, record, predict• Manipulate materials• Interpret data• Determine properties	<ul style="list-style-type: none">• PS 3.2• PS 3.2• PS 3.2• PS 3.2• PS 3.2• PS 3.2	<ul style="list-style-type: none">• Identify examples• Written test - classify• Lab perform.• Unit test• Unit test• Written assessment

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Timetable	Topic	Content	Skills	Performance Objective	Assessment
1-2 weeks	PS Simple machines	<ul style="list-style-type: none">• Force, energy, and work• Simple machines • Compound machines	<ul style="list-style-type: none">• Define force, energy, and work• Identify 5 types of simple machines• Identify types of compound machines	<ul style="list-style-type: none">• PS 5.1 • PS 5.1 • PS 5.1	<ul style="list-style-type: none">• written test • performance assessment • unit test