



Science Overview - Year 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 1	<p>Science: Everyday materials</p> <p>Lesson 1: Naming Materials</p> <p>LO: To identify and name different materials.</p> <p>Y1:Sc: EM2</p> <p>Big Idea (Aspect):</p> <p>Investigation (Observation) Comparison (Physical things)</p>	<p>Science: Everyday materials</p> <p>Lesson 2: Objects and Materials</p> <p>LO: To tell the difference between an object and the materials it is made from.</p> <p>Y1:Sc: EM1</p> <p>Big Idea (Aspect):</p> <p>Investigation (Observation) Investigation (Questioning) Comparison (Physical things)</p>	<p>Science: Everyday materials</p> <p>Lesson 3: Properties</p> <p>LO: To describe the properties of everyday materials.</p> <p>Y1:Sc: EM1</p> <p>Big Idea (Aspect):</p> <p>Investigation (Observation) Comparison (Physical things)</p>	<p>Science: Everyday materials</p> <p>Lesson 4: Testing Properties</p> <p>LO: To identify which materials have certain properties.</p> <p>Y1:Sc: EM3</p> <p>Big Idea (Aspect):</p> <p>Materials (Properties and Uses) Creativity (Gather & record data) Investigation (Measurement) Investigation (Questioning) Investigation (Investigation) Investigation (Observation) Investigation (Gather & record data) Comparison (Physical things)</p>	<p>Science: Everyday materials</p> <p>Lesson 5: Umbrella Investigation</p> <p>LO: To test different materials and use what I have learnt to make a decision.</p> <p>Sc:WS2 Sc:WS3 Sc:WS5</p> <p>Big Idea (Aspect):</p> <p>Investigation (Observation) Investigation (Questioning) Investigation (Measurement) Investigation (Investigation) Investigation (Gather & record data) Comparison (Physical things)</p>	<p>Science: Everyday materials</p> <p>Lesson 6: Sorting</p> <p>LO: To sort objects by their properties.</p> <p>Y1:Sc: EM4</p> <p>Big Idea (Aspect):</p> <p>Investigation (Observation) Investigation (Gather & record data) Comparison (Physical things) Creativity (Gather & record data)</p>



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					Materials (Properties and Uses) Creativity (Gather & record data)	
Term 2	<p>Science: Seasonal changes – autumn and winter</p> <p>Lesson 1: Seasons</p> <p>L.O. To describe how the weather changes across the seasons and describe day length in autumn.</p> <p>Y1:Sc: SC1 Y1:Sc: SC2</p> <p>Big Idea (Aspect): Processes (Earth) Place (Habitats) Investigation (Questioning) Processes (Pattern seeking)</p>	<p>Science: Seasonal changes – autumn and winter</p> <p>Lesson 2: Seasonal Weather (Autumn)</p> <p>L.O. To observe and describe the weather in autumn and collect and record data about the weather.</p> <p>Y1:Sc: SC2 Sc:WS6</p> <p>Big Idea (Aspect): Processes (Earth) Place (Habitats) Investigation (Questioning) Investigation (Measurement) Investigation (Investigation)</p>	<p>Science: Seasonal changes – autumn and winter</p> <p>Lesson 3: Autumn Walk</p> <p>L.O. To identify signs of autumn.</p> <p>Y1:Sc: SC1</p> <p>Big Idea (Aspect): Processes (Earth) Place (Habitats) Investigation (Observation) Processes (Pattern seeking) Processes (Earth) Nature (Identification & classification)</p>	<p>Science: Seasonal changes – autumn and winter</p> <p>Lesson 4: Autumn to Winter</p> <p>L.O. To describe how day length varies from autumn to winter and identify changes in the trees and in clothes that we wear from autumn to winter.</p> <p>Y1:Sc: SC1 Y1:Sc: SC2</p> <p>Big Idea (Aspect): Processes (Earth) Place (Habitats) Investigation (Questioning) Processes (Pattern seeking)</p>	<p>Science: Seasonal changes – autumn and winter</p> <p>Lesson 5: Seasonal Weather (Winter)</p> <p>L.O. To observe and describe the weather in winter and collect and record data.</p> <p>Y1:Sc: SC2 Sc:WS6</p> <p>Big Idea (Aspect): Processes (Earth) Place (Habitats) Investigation (Questioning) Investigation (Measurement) Investigation (Investigation)</p>	<p>Science: Seasonal changes – autumn and winter</p> <p>Lesson 6: Animals in Winter</p> <p>L.O. To explain how some animals adapt in winter</p> <p>Y1:Sc: SC1</p> <p>Big Idea (Aspect): Processes (Earth) Processes (Pattern seeking) Place (Habitats) Nature (Identification & classification) Nature (Survival) Humankind (Staying Safe)</p>



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		Investigation (Gather and record data) Creativity (Gather and record data) Processes (Pattern seeking)			Investigation (Gather and record data) Creativity (Gather and record data) Processes (Pattern seeking)	
Term 3	Science: Animals including humans. Lesson 1: Observing Animals LO: To identify and name some common animals. Y1:Sc: A1 Sc:WS4 Sc:WS5 Big Idea (Aspect): Nature (Identification & classification) Investigation (Questioning) Investigation (Obsevation) Place (Habitats) Comparison (Physical things)	Science: Animals including humans. Lesson 2: Comparing Animals LO: To describe and compare the structure of a variety of common animals. Y1:Sc: A1 Y1:Sc: A3 Sc:WS4 Sc:WS5 Sc:WS6 Big Idea (Aspect): Nature (Identification & classification) Investigation (Questioning) Investigation (Obsevation)	Science: Animals including humans. Lesson 3: Animal Diets LO: To identify, name and sort animals that are herbivores, carnivores and omnivores. Y1:Sc: A1 Y1:Sc: A2 Sc:WS4 Sc:WS5 Sc:WS6 Big Idea (Aspect): Nature (Identification & classification) Investigation (Questioning) Investigation (Investigation) Investigation (Obsevation) Place (Habitats) Nature (Survival) Humankind (Staying Safe)	Science: Animals including humans. Lesson 4: The Human Body LO: To name and label the parts of the human body. Y1:Sc: A4 Sc:WS4 Big Idea (Aspect): Nature (Identification & classification) Investigation (Questioning)	Science: Animals including humans. Lesson 5: Senses LO: To name the five senses and to perform simple tests to find out more about them. Y1:Sc: A4 Sc:WS3 Sc:WS2 Sc:WS5 Sc:WS6 Big Idea (Aspect): Investigation (Questioning) Investigation (Investigation) Humankind (Staying Safe) Comparison (Phenomena) Processes (Phenomena)	Science: Animals including humans. Lesson 6: Sorting Animals LO: To sort animals according to a criteria. Y1:Sc: A1 Y1:Sc: A2 Y1:Sc: A3 Sc:WS4 Big Idea (Aspect): Nature (Identification & classification) Nature (Survival) Investigation (Questioning) Investigation (Obsevation) Investigation (Gather & record data) Place (Habitats) Creativity (Gather & record data)



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Term 6	Science: Scientists and Inventors.	Science: Scientists and Inventors.	Science: Scientists and Inventors.	Science: Scientists and Inventors.	Science: Scientists and Inventors.	Science: Scientists and Inventors.
	Lesson 1: Lego	Lesson 2: Mae Jamison	Lesson 3: Zoos	Lesson 4: Sensory Garden	Lesson 5: Measuring the Weather	Lesson 7: Wrapping up Warm
	L.O. To describe the properties of Lego and think about why Lego is made out of plastic.	L.O. To ask questions about Mae Jamison and find out the answers.	L.O. To compare the bodies of different animals and sort them into different groups	L.O. To name different plants and make a chart to show our favourite plants.	L.O. To observe and describe the weather and measure and record information about rain	L.O. To test which items keep us warm and describe the properties of materials that keep us warm.
	Y1:Sc: EM3	Sc:WS1	Sc:WS4	Y1:Sc: A3	Y1:Sc: A3	Y1:Sc: EM4
	Sc:WS5	Sc:WS6	Sc:WS6	Y1:Sc: P1	Y1:Sc: SC2	Sc:WS3
	Big Idea (Aspect):	Big Idea (Aspect):	Big Idea (Aspect):	Big Idea (Aspect):	Big Idea (Aspect):	Big Idea (Aspect):
	Significance (Significant People) Comparison (Physical Things) Investigation (Observation) Materials (Properties and Uses)	Significance (Significant People) Significance (Significant Events) Investigation (Questioning)	Significance (Significant People) Significance (Significant Events) Place (Habitats) Nature (Identification & classification) Nature (Survival)	Nature (Identification & classification) Nature (Living things) Investigation (Report & conclude) Place (Habitats) Processes (Earth) Significance (Significant People)	Processes (Pattern Seeking) Processes (Earth) Investigation (Report & conclude) Investigation (Questioning) Investigation (Measurement) Investigation (Investigation) Investigation (Gather & record data) Creativity (Report & conclude)	Investigation (Investigation) Nature (Survival) Investigation (Questioning) Investigation (Measurement) Investigation (Observation) Investigation (Gather & record data) Creativity (Gather & record data) Processes (Pattern Seeking) Processes (Earth)



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					<p>Creativity (Gather & record data) Significance (Significant People)</p> <p>Lesson 6: At the Vets</p> <p>L.O. To describe how vets look after animals and identify parts of animals' bodies Sc:WS4 Big Idea (Aspect): Nature (Identification & classification) Nature (Survival) Humankind (Staying safe) Humankind (Healthy Lifestyle)</p>	<p>Comparison (Physical Things) Place (Habitats) Humankind (Staying safe) Significance (Significant People) Materials (Identification and Classification) Materials (Properties and Uses)</p> <p>Lesson 8: Super Senses</p> <p>L.O. To describe what Linda Buck found out about how we smell things and to be able to identify smells. Y1:Sc: A4 Big Idea (Aspect): Significance (Significant People)</p>
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