



Downsway Primary Science Curriculum Map

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Foundation Stage	Lifecycle of a human: baby, toddler, child, teenager and adult My Amazing Body: Naming body parts and learning about the five senses: What are our senses? What do we use them for? Listening Walk around the school grounds. My Amazing Body: Inside and Out: What is inside my body, why do we need bones, how do we keep strong and healthy Seasonal Change: What is a season? How many are there in a year? Focus on autumn.	Magnet Investigation	Seasonal Change: Signs of Winter Changes of state: Ice to water Floating & Sinking: Making boats/rafts Space Focus: Introduce the concept of a solar system and planet names. Which planet do we live on?	Seasonal Change: Signs of Spring Materials: The Gingerbread Man waterproof material experiment Growing: Growing cress. Learning about what plants need to grow. Experiment – place some cress in a dark cupboard (no sunlight) and one with no water. Introduce the concept of making a prediction.	Seasonal Change: Signs of Spring Earth Day: Focus on looking after our planet	Seasonal Change: Signs of Summer Animals and Habitats: Animals around the world and their habitats. Habitat of the week. World Oceans Day: Focus on how to look after the oceans and animals living in them. Life cycles: Frogs and Butterflies Sun Safety

Year 1	Animals inc. humans <i>Links to topic (Superheroes), focusing on human body and senses</i>	Animals inc. humans <i>Focus on animals</i>	Seasonal changes/Everyday materials	Plants <i>Good time of year to begin to see plants growing/changing</i>	Everyday materials	Recap of plants, animals inc. humans <i>Use topic (dinosaurs) to deliver learning</i>
	Season changes covered throughout year					
Year 2	Living things and their habitats/ Animals inc. humans		Uses of everyday materials	Use of everyday materials WS: Love to Investigate: Can you find the treasure? Do all boats float?	Use of every day materials WS: Love to Investigate: Why do boats float? Can you make a paper bridge?	Plants
Year 3	Light <i>Trellis</i>	Animals inc. humans <i>Links to topic, thinking about food as part of harvest/Diwali/Christmas</i>	Forces & Magnets	Plants	Plants	Rocks
Year 4	Animals inc. humans <i>Teeth and digestive system</i> Water cycle		Animals inc. humans/Living Things & Their Habitats <i>Food chains of land animals, environmental adaptation, predators, classification keys.</i>	Electricity	Sound	States of Matter <i>Considering condensation and evaporation and setting up investigations</i>

Year 5	Properties of Materials	Changes of Materials	Earth and Space	Forces	Living Things and Their Habitats	Animals, inc. humans
Year 6	Light	Electricity <i>Link to topic with Victorians inventions & use of electricity</i>	Animals inc. humans	Animals inc. humans/Evolution & Inheritance <i>Direct link to topic</i>	Evolution/Living Things & Their Habitats <i>Direct link to topic</i>	

Year 1: Working Scientifically (asking Qs, measuring & recording, concluding)

Year 2: Working Scientifically (asking Qs, measuring & recording, concluding)

Year 3: Working Scientifically (asking Qs, measuring & recording, concluding, evaluating)

Year 4: Working Scientifically (asking Qs, measuring & recording, concluding, evaluating)

Year 5: Working Scientifically (asking Qs, measuring & recording, concluding, evaluating)

Year 6: Working Scientifically (asking Qs, measuring & recording, concluding, evaluating)