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:** **N**aming 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 *w*aterproof 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** *Links to topic (Superheroes), focusing on human body and senses*	**Animals inc. humans** *Focus on animals*	**Seasonal changes/Everyday materials**	**Plants** *Good time of year to begin to see plants growing/changing*	**Everyday materials**	**Recap of plants, animals inc. humans** *Use topic (dinosaurs) to deliver learning*
	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** *Trellis*	**Animals inc. humans** *Links to topic, thinking about food as part of harvest/Diwali/Christmas*	**Forces & Magnets**	**Plants**	**Plants**	**Rocks**
Year 4	**Animals inc. humans** *Teeth, The Digestive system and Food Chains*	**Living things and their habitats** *Exploring habitats and classification keys*	**Living things and their habitats** *Considering how environment changes impact habitats and introducing ecosystems*	**Electricity**	**Sound**	**States of Matter** *Looking at condensation, evaporation and the links this has to the water cycle*

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

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)