



2020-2021 Science Long Term Plan Year 4

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
|-----|--|---|---|---|--|---|--|--|
| 1.1 | <u>Our Changing World L1</u> How can we classify trees by looking at their leaves? | <u>Where does all that food go? L2</u> Where does the food go inside your body? | <u>Where does all that food go? L8</u> How is food broken down? | <u>Where does all that food go? L9</u> How can we model the digestive system? | <u>Where does all that food go? L3</u> What sort of food do we have? | <u>Where does all that food go? L4</u> Why do we have different types of teeth? | <u>Good vibrations L1</u> How do we know about sounds? | <u>Good vibrations L2</u> How are sounds made? |
| 1.2 | <u>Good vibrations L3</u> How do sounds travel? | <u>Good vibrations L4</u> How can we make a sound louder and quieter? | <u>Good vibrations L5</u> How do sounds change as we move away from the source? | <u>Good vibrations L6</u> How can we change the pitch of a plucked note? | <u>Good vibrations L7</u> How can we use air to make music? | <u>In a state L1</u> What are my properties? | <u>In a state L2</u> What happens to the ice hands? | |
| 2.1 | <u>Our Changing World L2</u> How can we classify and identify deciduous trees in winter? | <u>In a state L3</u> What makes a difference to how fast ice melts? | <u>In a state L4</u> What are melting and freezing? | <u>In a state L5</u> Are spaces really empty? | <u>In a state L7+L8</u> How can we get it dry? What is evaporation? | <u>In a state L9</u> What is boiling? | | |
| 2.2 | <u>Switched on L1</u> What makes it work? | <u>Switched on L2</u> Can you light the bulb? | <u>Switched on L3</u> How does a circuit work? | <u>Switched on L4</u> Why doesn't it work? | <u>Switched on L5</u> What does a switch do? | <u>Switched on L6</u> What can we use instead of wires? | | |
| 3.1 | <u>Where does all that food go? L6</u> What do animals eat? | <u>Where does all that food go? L7</u> What do animals' teeth tell us? | <u>Who am I? L1</u> Who are you? | <u>Who am I? L2</u> Who lives here? | <u>Who am I? L3</u> How are vertebrates grouped? | <u>Who am I? L4</u> How are invertebrates grouped? | | |
| 3.2 | <u>Human impact L1</u> What impact do humans have locally? | <u>Human impact L2</u> How can we find out about litter? | <u>Human impact L3</u> What types of litter are dropped locally? | <u>Human impact L4</u> Why does clearing litter matter? | <u>Human impact L5</u> What happens when a food chain is broken? | <u>In a state L10</u> Where did the water come from? | <u>In a state L11</u> Where does rain come from? | <u>Our Changing World L3</u> How can we classify plants by looking at their flowers? |