



Subject Science Composites  
2022-2023  
Lent

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| Class 1  | Class 2  |
| <b><u>Animals Including Humans</u></b> <ul style="list-style-type: none"><li>• I know and can identify some common animals.</li><li>• I know how to compare different animals.</li><li>• I know the difference between herbivores, carnivores and omnivores and can sort these into groups.</li><li>• I know and can label parts of the human body.</li><li>• I know the five senses.</li></ul>                                  | <b><u>Forces and Magnets</u></b> <ul style="list-style-type: none"><li>• I know and can identify the different forces that act on objects.</li><li>• I can investigate how a toy car moves over a surface.</li><li>• I know why some objects are magnetic</li><li>• I can investigate the strength of magnets.</li><li>• I can explore the magnetic poles.</li><li>• I can observe how magnets attract some materials.</li></ul> |
| Class 3  | Class 4  |
| <b><u>Forces and Magnets</u></b> <ul style="list-style-type: none"><li>• I know and can identify the different forces that act on objects.</li><li>• I can investigate how a toy car moves over a surface.</li><li>• I know why some objects are magnetic</li><li>• I can investigate the strength of magnets.</li><li>• I can explore the magnetic poles.</li><li>• I can observe how magnets attract some materials.</li></ul> | <b><u>Properties and changes in materials</u></b> <ul style="list-style-type: none"><li>• I know how to compare materials according to their properties.</li><li>• I can investigate thermal conductors and insulators.</li><li>• I can investigate which electrical conductors make a light shine brightest.</li><li>• I can investigate materials which will dissolve.</li></ul>   |

**Living Things and their Habitats**

- I know how to group living things into a range of ways.
- I know how to identify vertebrates by observing their similarities and differences.
- I can use evidence to identify an invertebrate.
- I can show the characteristics of living things in a table with a key.
- I can recognise positive and negative changes in the local environment and I know how to record these changes in different ways.
- I can present my scientific findings orally and in writing.

- I can use different processes to separate different mixtures of materials.

- I can investigate and explain irreversible chemical changes.

**Living things and their habitats**

- I know how to explain my reasoning for classifying animals for a zoo.
- I know the Linnaean System and can use it to classify and sort living things.
- I can identify the characteristics of many animals.
- I can investigate microorganisms and know the difference between helpful and harmful ones.
- I know the microorganisms found in my local habitat.