

## Science Long Term Planning 2022 – 2023

|        | Autumn 1                           | Autumn 2                                                    | Spring 1                                                                                | Spring 2                                                                                               | Summer 1                                                                                                        | Summer 2                                             |
|--------|------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| Year 1 | Seasonal changes                   | Animals inc<br>humans<br>(naming animals<br>and body parts) | Everyday materials                                                                      |                                                                                                        | Plants<br>(names and structures of plants)                                                                      |                                                      |
| Year 2 | Uses of everyday materials         |                                                             | Living things and<br>their habitats<br>(suitable habitats<br>and simple food<br>chains) | Animals inc<br>humans<br>(health and<br>growth)                                                        | Plants<br>(conditions for growing)                                                                              |                                                      |
| Year 3 | Light                              | Forces and<br>Magnets<br>(friction and<br>magnets)          | Rocks and Soils<br>(including fossil<br>formation)                                      | Plants<br>(function of plants<br>and life cycle)                                                       | Animals inc humans<br>(skeletons)                                                                               |                                                      |
| Year 4 | Electricity                        | States of Matter                                            | Animals inc<br>humans<br>(teeth, eating and<br>digestion system)                        | Sound                                                                                                  | Living things and their habitats<br>(grouping and simple<br>classifying/changes to habitats can<br>pose danger) |                                                      |
| Year 5 | Properties and change of materials |                                                             | Earth and Space                                                                         | Forces<br>(gravity, friction,<br>air resistance,<br>water resistance,<br>levers, pulleys and<br>gears) | Animals inc<br>humans<br>(changes in<br>humans as we<br>grow)                                                   | Living things and<br>their habitats<br>(life cycles) |

| Year 6 | Light | Electricity | Evolution and Inheritance | Animals inc<br>humans | Living things and their habitats |
|--------|-------|-------------|---------------------------|-----------------------|----------------------------------|
|        |       |             |                           | (health and           | (classifying                     |
|        |       |             |                           | circulation)          | including micro-                 |
|        |       |             |                           |                       | organisms)                       |