Northowram Primary School **SCIENCE** Long Term Curriculum Map (from Sept 2021)

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| Year | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Nursery  | Seasonal changes (autumn).Exploration of natural materials. | Exploring forces (pushes & pulls). | Seasonal changes (winter).Changes in materials (water/ice).  | Seasonal changes (spring).Planting & growing. | Life cycle of a butterfly & frog. | Caring for the natural environment & living things (vets & occupations). |
| Reception  | Exploring the world around them. | Seasonal changes & nocturnal animals. | Material investigation/floating & sinking.Life cycle of a duck | Forces investigation. | Exploring plants and minibeasts (habitats & classification). | Healthy eating & looking after ourselves. |
| 1 | Who am I? Naming parts of the human body and senses | Celebrations- the human body, plants and everyday materials  | Polar Places- animals including humans and everyday materials | On Safari- animals including fish, amphibians, reptiles, birds and mammals | Plants and animals where we live | Holidays- animals and everyday materials |
| 2 | Living things and their habitats | Uses of everyday materials part 1  | Uses of everyday materials part 2 | Humans – diet, exercise and hygiene | Plants | Working scientifically within a practical context – the basic needs of animals, including humans  |
| 3 | Food and our bodies | Light and shadows | Forces and magnets | Plants  | Rocks and fossils | Working scientifically within a practical context - Materials |
| 4 | Animals including humans- teeth, digestive system and food chains | Living things and their habitats | States of matter | Sound | Electricity  | Working scientifically within a practical context - Materials  |
| 5 | Life cycles and reproduction in some plants and animals | Changes as humans develop to old age | Properties and changes of materials  | Reversible and irreversible change | Earth and space | Forces |
| 6 | Healthy Bodies | Classifying living things | Electricity  | Light | Evolution and Inheritance | Working scientifically within a practical context - Forces |