



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

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	Using senses in hands-on exploration.	Caring for the environment and living things.	Looking at seasonal changes.	Planting, growing, looking at change.	Looking at the life cycle of a plant and animal. Explore forces we can feel.	Caring for living things – vets. Exploring collections of different materials.
Reception	Exploring the world around them.	Exploring different materials.	Life cycles- bean, ducks. What do living things need to live and grow? Strongest material investigation.	Understand the effects of changing seasons on the natural environment.	Life cycles- caterpillars and other minibeasts. Minibeast habitats.	Look at how a sandwich changes over time.
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	Plants and animals where we live	On Safari- animals including fish, amphibians, reptiles, birds and mammals	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