

Year 3 Medium Term Plan

Term	Theme	Pupils will learn.....
Autumn 1	How plants grow	<ul style="list-style-type: none"> • Identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowers • Explore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plant • Investigate the way in which water is transported within plants • - Explore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal
Autumn 2	Health and movement (animals including humans)	<ul style="list-style-type: none"> • -Identify that animals, including humans need the right types and amount of nutrition, and they cannot make their own food • -To understand that animals including humans get nutrition from what they eat • -Show knowledge of simple food groups - dairy, vegetables and fruit. • -Explain how nutrients, water and oxygen are transported within animals and humans. • -Identify and describe how humans and some animals have skeletons and muscles for support, protection and movement • -Explore human and animal skeletons • -Find out what muscles are and how skeletal muscles aid movement
Spring1	Rocks and fossils	<ul style="list-style-type: none"> • Describe in simple terms how fossils are formed when things that have lived are trapped within rock • Recognise that soils are made from rocks and organic matter • Compare and group together different kinds of rocks on the basis of their appearance and simple physical properties • Chocolate rock experiment • Write up summarising knowledge from topic

Spring 2	Light and shadows	<ul style="list-style-type: none"> • Explain that we need light in order to see and that darkness is the absence of light • Explain that light is reflected from surfaces of a variety of objects (and this enables us to see them) • Explain that shadows are formed when light from a source is blocked by solid, opaque object • Find patterns in the way that that the size of shadows change (based on practical investigations of how shadows behave) • Explore the sun as a light source and identify the difference between night and day • Explain the danger of direct sunlight and describe how to keep eyes protected.
Summer 1	Forces and Magnets	<ul style="list-style-type: none"> • Explore what forces are and explain how some forces require contact between two objects but magnetic forces can act at a distance • Describe and compare how things move on different surfaces e.g. comment on the effects of simple forces like friction on the way objects move • Observe how magnets attract or repel each other and attract some materials and not others • Describe magnets as having two poles • Predict whether magnets will attract or repel and give a reason • Predict and investigate whether objects will be magnetic and carry out an enquiry to test this out. • -Compare and group materials on the basis of whether they are magnetic or not
Summer 2	Forces and Magnets	<ul style="list-style-type: none"> • See above

Yellow = Additional objectives to support planning in short term plan