



Portsdown Primary School Subject Overview: Science

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
N1: Caterpillars	Understanding the world - Is curious and interested to explore new and familiar experiences in nature: grass, mud, puddles, plants, animal life - Explores objects by linking together different approaches: shaking, hitting, looking, feeling, tasting, mouthing, pulling, turning and poking		Understanding the world - Is curious and interested to explore new and familiar experiences in nature: grass, mud, puddles, plants, animal life - Can talk about some of the things they have observed such as plants, animals, natural and found objects		Understanding the world - Notices detailed features of objects in their environment - Can talk about some of the things they have observed such as plants, animals, natural and found objects - Enjoys playing with small world reconstructions, building on first-hand experiences, e.g. visiting farms, garages, train tracks, walking by river or lake	
N2: Butterflies	Understanding the world - Notices detailed features of objects in their environment - Can talk about some of the things they have observed such as plants, animals, natural and found objects - Enjoys playing with small world reconstructions, building on first-hand experiences, e.g. visiting farms, garages, train tracks, walking by river or lake		Understanding the world - Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world - Talks about why things happen and how things work - Develop an understanding of growth, decay and changes over time.		Understanding the world - Shows care and concern for living things and the environment - Begin to understand the effect their behaviour can have on the environment - Develop an understanding of growth, decay and changes over time.	
Year R	Understanding the world - Shows care and concern for living things and the environment - Begin to understand the effect their behaviour can have on the environment - Develop an understanding of growth, decay and changes over time. - Looks closely at similarities, differences, patterns ad change in nature		Understanding the world - Looks closely at similarities, differences, patterns and change in nature - Knows about similarities and differences in relation to places, objects, materials and living things - Talks about the features of their own immediate environment and how environments might vary from one another. - Makes observations of animals and plants and explains why some things occur, and talks about changes.		Understanding the world - Knows about similarities and differences in relation to places, objects, materials and living things - Talks about the features of their own immediate environment and how environments might vary from one another. - Makes observations of animals and plants and explains why some things occur, and talks about changes.	
Year 1	Animals, including humans		Seasonal Changes (throughout the year)	Everyday materials		Plants
Year 2	Living things and their habitats	Animals, including humans	Uses of everyday materials		Plants	
Year 3	Rocks	Animals, including humans	Plants	Light		Magnets and forces
Year 4	States of matter	Animals, including humans	Electricity	Sound		Living things and their habitats
Year 5	Properties and changes of materials (part 1)	Earth and space	Properties and changes of materials (part 2)	Forces	Living things and their habitats	Animals inc. humans
Year 6	Light	Animals including humans	Living things and their habitats	Electricity		Evolution and Inheritance