

Reception - Progression of Science/Understanding the World skills

Year A and B Reception	Marvellous Me Ourselves	Celebrations Ourselves	Once upon a time... Materials	All things Bright and Beautiful Lifecycles	Animal Kingdom Habitats	Journeys Forces
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Working Scientifically	Operating simple equipment – Baseline assessments Using scissors/hole punches etc daily. IWB – daily	IWB – daily Using scissors/hole punches etc daily.	IWB – daily Using scissors/hole punches etc daily.	IWB – daily Changes Similarities and Differences Light and Dark Using scissors/hole punches etc daily.	IWB – daily Using scissors/hole punches etc daily.	IWB – daily Using scissors/hole punches etc daily.
Plants Living things and their habitats	Harvest			Plant/Seed lifecycles – planting seeds Animal habitats	Rainforest/Jungle around the world i.e. Brazil	
Animals, including humans	Human body and growth. Comparing ourselves from babies to present day – looking at similarities and differences.	Polar animals – investigations		Lifecycles – frog and butterfly Frogs Spawn Butterfly cocoons		
Everyday Materials Uses of everyday materials	Park – looking at materials i.e. leaves, cones, conkers etc.. Apple collecting from the garden Malleable materials - Shaving foam, playdough, slime etc...	Ice – how ice is made, why does it melt? Etc... Malleable materials - Shaving foam, playdough, slime etc...	Porridge – looking at textures. Materials – linked to The Three little pigs Malleable materials - Shaving foam, playdough, slime etc...	Malleable materials - Shaving foam, playdough, slime etc...	Recycling – how we can help the world by recycling. Malleable materials - Shaving foam, playdough, slime etc...	Malleable materials - Shaving foam, playdough, slime etc...
Seasonal Changes	Leaf man – autumn leaves etc...			Weather	Weathers – comparing UK → Brazil?	
Enrichment opportunities	Local park Duffield Library	Pantomime / Conkers Duffield Library	Chris Connaughton - Author Duffield library	Chatsworth Farmyard Animal Handler Butterfly Cocoons arrive Duffield library	Explorer Dome? Duffield library	Crich Tramway Museum? Duffield Library
Global goals	3	16		6, 13, 14, 15	6, 12, 13, 14, 15	7

For all topics/headings we ensure we are using the correct vocabulary throughout the topics

Investigation continuous provision and an enhanced activity is put out each week.

Key Vocabulary - Similarities, Difference, Textures, rough, smooth, bumpy, hot, cold, freezing, melt, freeze, dissolve, grow, change, growth, tall, short, fat, longer, shorter, flowers, stem, seeds, plants, animals, leaf, trees, water, light, dark, sun, garden, farm animals, zoo, adult, child, teenager, siblings, older person, male, female, girl, boy, babies, baby

Investigation continuous provision

Metal detectors Natural materials Sensory timers
Magnets Marble run Torches Globe Magnifying glasses
Malleable tools i.e. tweezers Magnetic blocks