



Cycle A			
Year Groups	Unit	Year Group	Rationale & Prior Learning
Years 5 & 6	Animals, including humans	Year 5	Any prior learning necessary for this unit is covered in Year 2 (Animals, including humans 2 – Life cycles). This unit links well with RSE by providing a scientific underpinning to the topics discussed. Extend discussion points with Year 6 pupils, as appropriate.
	Properties of materials	Year 5	This is the first materials unit covered in this cycle. Pupils are required to draw on knowledge from the materials units from KS1. Use the challenge tasks within the unit to extend Year 6 pupils.
	Electricity	Year 6	Any prior learning necessary for this unit is covered in Year 4 Electricity. Use the lesson editing tools to provide further support and scaffolding to Year 5 pupils as required.
	Living things and their habitats	Year 5	Any prior learning necessary for this unit is covered in Year 2 (Animals, including humans 2 – Life cycles). Use the challenge tasks within the unit to extend Year 6 pupils.
	Changes of materials	Year 5	This is the second materials unit covered in this cycle and is designed to be taught after the Properties of materials unit. Use the challenge tasks within the unit to extend Year 6 pupils.
	Light	Year 6	Any prior learning necessary for this unit is covered in Year 3 Light. Use the lesson editing tools to provide further support and scaffolding to Year 5 pupils as required.



Cycle B			
Year Groups	Unit	Year Group	Rationale & Prior Learning
Years 5 & 6	Animals, including humans	Year 6	Any prior learning necessary for this unit is covered in Year 3 & Year 4 Animals, including humans. Use the lesson editing tools to provide further support and scaffolding to Year 5 pupils as required.
	Forces	Year 5	Any prior learning necessary for this unit is covered in Year 3 (Forces and Magnets). Use the challenge tasks within the unit to extend Year 6 pupils.
	Earth and space	Year 5	This unit appears after the Year 5 Forces unit, so pupils can use their knowledge and understanding of gravity. Use the challenge tasks within the unit to extend Year 6 pupils.
	Living things and their habitats	Year 6	Prior learning of the Year 5 Living things and their habitats (life cycles) unit is recapped in this unit but pupils can also draw on their knowledge from Year 2 (Animals, including humans – Life cycles). Use the lesson edit tools to spend more time recapping, if necessary. Use the support tasks to aid the Year 5 pupils, as required.
	Evolution and inheritance	Year 6	Any prior learning required for this unit is covered in Year 4 Living things and their habitats. All pupils should be able to access this learning but support and scaffolding may be required for Year 5 pupils. Use the lesson edit tools, if required.
	Looking after our environment	Year 6	This is a non-statutory unit and is in line with the DfE's Sustainability and climate change: a strategy for the education and children's services systems.