

How Science is structured through the school:

Planning for science is a process in which all teachers are involved to ensure that the school gives full coverage of 'The National Curriculum programmes of study for Science 2014' and 'Understanding of the World' in the Early Years Foundation Stage.

Science teaching at Great Abington involves adapting and extending the curriculum to match all pupils' needs. Where possible, Science will be linked to topics. Science will also be taught as discrete units and lessons to ensure coverage. Due to the mixed year groups in our classes (C1 - C4), Science units are taught on a two year rolling programme. C5 - the Y6 pupils are a discrete year group. This ensures progression between year groups and guarantees statutory year group topics are covered. In addition, teachers plan to suit their children's interests, current events, their own teaching style, the use of any support staff and the resources available.

KS1 Science Overview

Class	Autumn	Spring	Summer
1 (YR/1)	Animals, inc. Humans (Y1)	Materials (Y1)	Seasonal Changes (Y1)
			Plants (Y1)
2 (Y1/2)	Animals, inc. Humans (Y1/2)	Materials (Y1/2)	Seasonal Changes (Y1/2)
			Plants (Y1/2)

KS2 Science Overview – Class 3 (Year 3/4) Class 4 (Year 4/5) 2 Year Rolling Programme

The chart shows an indicative breakdown of Units across terms - teachers will adjust timing as appropriate, e.g. to fit in with wider Topics, events and opportunities. This provides full coverage* of the science curriculum over the 2 year rolling programme.

* This includes additional teaching through extended school day for either Materials (Y5) or Living things and habitats (Y5) for the youngest 10 children.

Academic Year 2022 - 2023

Year A	Au1	Au2	Spr1	Spr2	Su1	Su2
C3 Y3/4	Rocks (Y3)	Light (Y3)	Sound (Y4)	Forces & Magnets (Y3)	Plants (Y3)	Animals, inc humans (Y3)
		Electricity (Y4)		States of Matter (Y4)		
C4 Y4/5	States of Matter (Y4)	Materials (Y5)	Electricity (Y4)	Forces (Y5)	Earth & Space (Y5)	Sound (Y4)
					Animals, inc Humans (Y5)	
C5 Y6	Evolution & Inheritance	Living things & habitats	Animals, inc Humans	Electricity		
				Light		

Academic Year 2023 - 2024

Year B	Au1	Au2	Spr1	Spr2	Su1	Su2
C3 Y3/4	Animals, inc. Humans (Y3/Y4)	Light (Y3)	Rocks (Y3)	Forces & Magnets (Y3)	Living things & Habitats (Y4)	Animals, inc humans (Y3)
C4 Y4/5	Living things & Habitats (Y4)	Living things & Habitats (Y5)	Forces (Y5)	Earth & Space (Y5)	Animals, inc. Humans (Y4/Y5)	
C5 Y6	Evolution & Inheritance	Living things & habitats	Animals, inc Humans Forces (Y5)		Electricity	
					Light	

Working scientifically - graduated to age related expectations

The classes will base the content at the pitch most suited for the class at the time – this might differ from year to year – but will ensure clear differentiation. Differentiation will be supported by age related assessment examples from the PSTT (Primary Science Teaching Trust) materials.