



Christ Church CE (VC) Primary School

Science Long Term Plan (2 year)

Lower KS2 and Upper KS2 Objectives from NYCC Science Scheme of Work, Specific Year group objectives to be taken from ASE

Year A 2018/2019	(Identifying and classifying)	(Identifying and classifying)	(Comparative and fair testing)	(Pattern seeking)	(Research)	(Observing over time)
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Exploring materials – similarities and differences	Exploring materials- floating and sinking	Is it fair?	Animals – similarities and differences	Living things- Where do they live?	Plants- Similarities and differences
Year 1	Identifying and classifying materials (Year 1 objectives)	Introduction to forces (Year 1 objectives)	Introduction to fair testing and comparisons	Animals including humans (Year 1 objectives)	Living things and their habitats (Year 1 objectives)	Plants- observing and describing change over time
Year 2	Identifying and classifying materials (Year 2 objectives)	Introduction to forces (Year 2 objectives)	Introduction to fair testing and comparisons	Animals including humans (Year 2 objectives)	Living things and their habitats (Year 2 objectives)	Plants- observing and describing change over time
Year 3	Materials (Lower KS2 objectives)	Electricity - Circuits (Lower KS2 objectives)	Light (Lower KS2 objectives)	Animals including humans (Year 3 objectives)	Living things and their habitats (Year 3 objectives)	Plants (Lower KS2 objectives)
Year 4	Materials (Lower KS2 objectives)	Electricity- Circuits (Lower KS2 objectives)	Light (Lower KS2 objectives)	Animals including humans (Year 4 objectives)	Living things and their habitats (Year 4 objectives)	Plants (Lower KS2 objectives)
Year 5	Materials (Upper KS2 objectives)	Electricity Component functions (Upper KS2 objectives)	Light (Upper KS2 objectives)	Animals including humans (Year 5 objectives)	Living things and their habitats (Year 5 objectives)	Science challenge Observing overtime
Year 6	Materials (Upper KS2 objectives)	Electricity Component functions (Upper KS2 objectives)	Science challenge fair testing	Animals including humans (Year 6 objectives)	Living things and their habitats (Year 6 objectives)	Transition



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Year B 2019/2020	(Identifying and classifying)	(Identifying and classifying)	(Comparative and fair testing)	(Pattern seeking)	(Research)	(Observing over time)
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	Exploring materials – similarities and differences	Exploring materials- floating and sinking	Is it fair?	Animals – similarities and differences	Living things- Where do they live?	Plants- Similarities and differences
Year 1	Identifying and classifying materials (Year 1 objectives)	Introduction to forces (Year 1 objectives)	Challenge- Introduction to fair testing and comparisons	Animals including humans (Year 1 objectives)	Living things and their habitats (Year 1 objectives)	Plants- observing and describing change over time
Year 2	Identifying and classifying materials (Year 2 objectives)	Introduction to forces (Year 2 objectives)	Challenge - Introduction to fair testing and comparisons	Animals including humans (Year 2 objectives)	Living things and their habitats (Year 2 objectives)	Plants- observing and describing change over time
Year 3	Sound (Lower KS2 objectives)	Forces and magnets (Lower KS2 objectives)	Rocks (Lower KS2 objectives)	Animals including humans (Year 3 objectives)	Living things and their habitats (Year 3 objectives)	Plants (Lower KS2 objectives)
Year 4	Sound (Lower KS2 objectives)	Forces and magnets (Lower KS2 objectives)	Rocks (Lower KS2 objectives)	Animals including humans (Year 4 objectives)	Living things and their habitats (Year 4 objectives)	Plants (Lower KS2 objectives)
Year 5	Earth and Space (Upper KS2 objectives)	Forces and magnets (Upper KS2 objectives)	Evolution and inheritance (Upper KS2 objectives)	Animals including humans (Year 5 objectives)	Living things and their habitats (Year 5 objectives)	Science challenge Observing overtime
Year 6	Earth and Space (Upper KS2 objectives)	Forces and magnets (Upper KS2 objectives)	Evolution and inheritance (Upper KS2 objectives)	Animals including humans (Year 6 objectives)	Living things and their habitats (Year 6 objectives)	Transition



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