



## **Ropsley's Science Curriculum**

Our Science curriculum is designed to stimulate and empower all our children to develop a life-long learning of, and a competence to develop skills in, scientific investigation.

We celebrate our children's success as scientists through this curriculum, and to enable them to flourish we encourage visiting speakers and workshops, get involved in Science Week activities, and enjoy school visits. Alongside this, the help of scientists within our local community and extra-curricular provision, gives every child the chance to access the subject at the level that suits them.

Our spiral curriculum builds up a growing bank of skills and knowledge designed to equip them with an eagerness to look at the world and make sense of what they find.

### Ropsley's School Curriculum Overview – Science– Cycle A

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b>	Seasonal Changes Wood School Cooking	Seasonal Changes Wood School Cooking	Seasonal Changes Wood School Cooking	Seasonal Changes Wood School Cooking Healthy / Unhealthy foods	Seasonal Changes Wood School Cooking	Seasonal Changes Wood School Cooking
<b>Y1/2</b>	Year 1 -Everyday Materials Year 2 -Uses of Everyday Materials	Year 1 -Seasonal Changes Year 2 -Uses of Everyday Materials	Year 1 Animals including humans Year 2 -Living things and their habitats	Year 1 -Seasonal changes Year 2 -Animals including humans	Year 1 -Plants (identify and name parts of plants and trees) Year 2 -Plants (observe and describe how seeds and bulbs turn into mature plants / what a plant needs)	Year 1 -Seasonal changes Year 2 - Plants (observe and describe how seeds and bulbs turn into mature plants / what a plant needs)
<b>Y3/4</b>	States of Matter	Rocks	Electricity	Electricity	Plants	Light
<b>Y5/6</b>	Properties and changes of materials	Properties and changes of materials	Light	Animals including humans	Evolution and inheritance	Evolution and inheritance

## Ropsley's School Curriculum Overview – Science – Cycle B

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>EYFS</b>	Seasonal Changes Wood School Cooking Materials	Seasonal Changes Wood School Cooking	Seasonal Changes Wood School Cooking	Seasonal Changes Wood School Cooking Healthy / Unhealthy foods	Seasonal Changes Wood School Cooking	Seasonal Changes Wood School Cooking
<b>Y1/2</b>	Year 1 -Everyday Materials Year 2 -Uses of Everyday Materials	Year 1 -Seasonal Changes Year 2 -Uses of Everyday Materials	Year 1 Animals including humans Year 2 -Living things and their habitats	Year 1 -Seasonal changes Year 2 -Animals including humans	Year 1 -Plants (identify and name parts of plants and trees) Year 2 -Plants (observe and describe how seeds and bulbs turn into mature plants / what a plant needs)	Year 1 -Seasonal changes Year 2 - Plants (observe and describe how seeds and bulbs turn into mature plants / what a plant needs)
<b>Y3/4</b>	Animals Including Humans	Animals Including Humans	Living Things and Their Habitats	Sound	Forces and Magnets	Forces and Magnets
<b>Y5/6</b>	Forces	Earth and Space	Electricity	Electricity	Living Things and Their Habitats	Living Things and Their Habitats

## Ropsley's School Curriculum Overview – Science – Enquiry Questions

		Unit 2		Unit 3		
<b>EYFS</b>	<b>Enquiry Question</b>	<b>Enquiry Question</b>	<b>Enquiry Question:</b>	<b>Enquiry Question</b>	<b>Enquiry Question</b>	<b>Enquiry Question</b>
	<b>Intent:</b> Children begin to understand... Children are introduced to...		<b>Intent:</b> Children begin to understand... Children are introduced to...		<b>Intent:</b> Children begin to understand... Children are introduced to...	
	<b>Future Learning:</b> Which learning will build on the skills taught?		<b>Future Learning:</b> Which learning will build on the skills taught?		<b>Future Learning:</b> Which learning will build on the skills taught?	
<b>Year 1/2</b>	<b>Enquiry Question:</b> What are the different types of photo frames?		<b>Enquiry Question:</b> What are the different types of photo frames?		<b>Enquiry Question:</b> What are the different types of photo frames?	
	<b>Builds on:</b> What previous learning will this unit build upon?		<b>Builds on:</b> What previous learning will this unit build upon?		<b>Builds on:</b> What previous learning will this unit build upon?	
	<b>Future Learning:</b> Which learning will build on the skills taught?		<b>Future Learning:</b> Which learning will build on the skills taught?		<b>Future Learning:</b> Which learning will build on the skills taught?	
<b>Year 3/4</b>	<b>Enquiry Question:</b> What are the different types of photo frames?		<b>Enquiry Question:</b> What are the different types of photo frames?		<b>Enquiry Question:</b> What are the different types of photo frames?	
	<b>Builds on:</b> What previous learning will this unit build upon?		<b>Builds on:</b> What previous learning will this unit build upon?		<b>Builds on:</b> What previous learning will this unit build upon?	

	<b>Future Learning:</b> Which learning will build on the skills taught?	<b>Future Learning:</b> Which learning will build on the skills taught?	<b>Future Learning:</b> Which learning will build on the skills taught?
<b>Year 5/6</b>	<b>Enquiry Question:</b> What are the different types of photo frames?	<b>Enquiry Question:</b> What are the different types of photo frames?	<b>Enquiry Question:</b> What are the different types of photo frames?
	<b>Buils on:</b> What previous learning will this unit build upon?	<b>Buils on:</b> What previous learning will this unit build upon?	<b>Buils on:</b> What previous learning will this unit build upon?
	<b>Future Learning:</b> Which learning will build on the skills taught?	<b>Future Learning:</b> Which learning will build on the skills taught?	<b>Future Learning:</b> Which learning will build on the skills taught?