

## Maths links within science

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<b>School topic</b>	<b>Autumn</b>		<b>Spring</b>		<b>Summer</b>		
	<u>Where in the world is Beeston?</u>	<u>Let's Celebrate!</u>	<u>Can you travel in time?</u>	<u>Let's be curious!</u>	<u>Freestyle</u>	<u>Moving on up!</u>	
<b>Year 1</b> Seasonal Changes Throughout the year Recognise and use language relating to dates (days of weeks/months /years) Chronological language (before/after)	<b>Humans</b> Counting parts of the human body (eyes/nose/hands/fingers)		<b>Everyday Materials</b> Reinforce principles of number- counting/subitising To compare greater than/less than		<b>Plants</b> To measure and compare length/height of plants overtime using cm.		<b>Animals</b> To compare size and length of animals.  Read/write numbers from 1-20 in numerals/words (how many legs/teeth/wings)
<b>Year 2</b>	<b>Animals including Humans</b>  Exercise challenge: Counting exercise up to 100 in a minute Venn diagrams: sorting and classifying	<b>Everyday Materials: Classifying and Grouping</b>  Carroll diagrams: sorting and classifying materials  Measure and capacity: absorpency of materials (year 1 capacity language)	<b>Everyday Materials: Changes</b>	<b>Plants</b> Length and Measure: the height of plants	<b>Living things and their Habitats</b>		
<b>Year 3</b>	<b>Light</b> Measuring changes in shadow size over time in cm	<b>Rocks and soils</b> Measuring and comparing mass of rocks in g and kg	<b>Forces and Magnets</b> Measuring a car's movement down a ramp in cm	<b>Plants</b> Reading scales to the nearest whole for moisture and light recorders	<b>Animals including Humans</b> Interpreting data from bar charts Measure jumps in m and cm		
<b>Year 4</b>	Living things in their habitats Statistics - Tally Charts, recording	<b>Animals</b> Venn Diagram to sort animals into predators / prey/	<b>States of Matter</b> Comparing numbers. Vertical number	<b>Electricity</b> Carroll diagram	<b>Humans</b> Instant recall of numbers of teeth.	<b>Sound</b> Measuring in m and cm the length	

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	information  Grouping and Sorting	both. Statistics: Comparing numbers of hedgehogs from one year to another year.	line / thermometer showing the boiling and freezing points.		Compare number of children's teeth to adult teeth.	of string between cup telephones. Rounding.
<b>Year 5</b>	Earth and Space	Properties and Changes of Materials To measure units- ml/l To interpret statistics	Animals including humans To calculate the difference To interpret data on dual line graphs	Living things and their Habitats	Forces To compare weight, distance and speed	
<b>Year 6</b>	Electricity To calculate voltage using decimals.	Light Using protractors to measure angles.	Evolution and Inheritance	Living Things and their Habitats	Animals including Humans To calculate the mean average of your pulse. To interpret data on dual line graphs. To use percentages to describe and make up of blood.	