



**Activities to help your child
at home with science:**



<p>Investigate how many different kinds of minibeasts you can find in your garden. Can you create a chart, table or graph to show how many you found of each type, or where you found them?</p>	<p>Collect different objects that you can test in water to see if they will float or sink. Can you make a prediction first? Can you find a way to make a floating object sink? Is there a way to make an object that sank, float?</p>
<p>Observe the weather over a week or a month and create a weather chart to show the different types of weather you saw. Can you make a simple rain gauge to collect & measure rainfall?</p>	<p>Save some seeds. It could be fruit or vegetable seeds, from your food at home. Plant the seeds so you can observe their growth and change. Where is the best place indoors to put seeds and why?</p>
<p>Freeze some small objects. It could be toys, leaves, sticks etc. After freezing, predict how long it will take for the ice to thaw. Where is the best place to speed up the thawing process?</p>	<p>With a grown-up's help, (for safety reasons) test a range of biscuits to see which is the best biscuit for dunking in tea. Decide how to make it a fair test e.g. how many dunks/how long for?</p>
<p>Research a famous scientist. Can you find out five fun or unusual facts about your scientist? How has their discovery or invention benefited others? What made them become a scientist?</p>	<p>Investigate changing materials (1). How long does it take to melt a chocolate button in the warmth of your hand? Will it take the same time for other family members?</p>
<p>Investigate changing materials (2). Will anything change when water is added to Skittles sweets? Does the temperature of the water make any difference? Does the same thing happen if you try other liquids, such as milk or juice?</p>	<p>Can the person in your family with the largest hands grab the most sweets/raisins? Can the person in your family with the longest legs jump the furthest? How are you going to measure the distance?</p>
<p>Use a torch when it's dark to explore shadows you can create around your home. What will happen if you stand up a torch underneath a colander? Can you use your hands to make shadow puppets?</p>	<p>Using plastic cups and sheets of paper, how tall a tower can you build? Try placing different objects on top. What weight can your tower support? Can you find a way to make the structure even stronger?</p>
<p>Make different paper aeroplanes. Test your planes. Which will travel the farthest distance? Which will stay longest in the air? Which will land the closest to a target?</p>	<p>Use a scarf to make a blindfold. Ask a member of your family to feed you different food. Can you recognise the food from its smell? Can you identify the food by its taste?</p>





ROKEBY PRIMARY SCHOOL
PART OF STOWE VALLEY MULTI ACADEMY TRUST



Websites to help your child at home with science:



<https://www.sciencefun.org/kidszone/experiments/>



<https://sciencebob.com/category/experiments/>



<https://www.weareteachers.com/easy-science-experiments/>



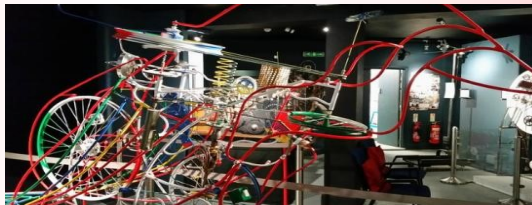
<https://pstt.org.uk/resources/curriculum-materials/Science-Fun-at-Home>



The MAD Museum,
Stratford upon Avon.

National Space Centre,
Leicester.

Places to visit/things to do so you can enjoy science with your child:



National Sea Life Centre,
Birmingham.

Think Tank Museum,
Birmingham.

