

## Summer 2 Science Grid

Below is a grid with lots of simple investigations which cover all the enquiry types and scientific method skills. Full details for each activity can be found on the **Science Home Learning 1 AND 2 pdfs** on the school website (and attached to the email). These don't have to be done in order and only require simple household objects. 'The Great Bug Hunt' and 'The Great Science share' are optional national initiatives (if you want to find out more see the links).

Pick the ones that interest you and choose the level (each has an option for younger and older children and a challenge) – keep learning and have fun!

<p style="text-align: center;"><b><u>Enquiry Type - Pattern Seeking</u></b></p> <p style="text-align: center;">Q: Is there a link between your outstretched arms and your height?</p> <p style="text-align: center;">(Page 1 Science Home Learning 1.pdf)</p>	<p style="text-align: center;"><b><u>Skill Focus - Observing</u></b></p> <p style="text-align: center;">The Great Bug Hunt</p> <p style="text-align: center;"><i>This is a competition for the whole country and your entries can be submitted online by 11<sup>th</sup> June</i></p> <p style="text-align: center;"><a href="http://www.schoolscience.co.uk/bughunt">http://www.schoolscience.co.uk/bughunt</a></p> <p style="text-align: center;">(Page 1 Science Home Learning 2.pdf)</p>	<p style="text-align: center;"><b><u>Skill Focus - Making Improvements</u></b></p> <p style="text-align: center;">Q: How far can you make a rocket fly?</p> <p style="text-align: center;">(Page 5 Science Home Learning 2.pdf)</p>
<p style="text-align: center;"><b><u>Enquiry Type - Fair Test</u></b></p> <p style="text-align: center;">Q: How can you make a paper spinner accurately hit a target?</p> <p style="text-align: center;">(Page 3 Home Learning 1.pdf)</p>	<p style="text-align: center;"><b><u>Enquiry Type - Fair Test</u></b></p> <p style="text-align: center;">Q: Which materials make the strongest boats?</p> <p style="text-align: center;"><i>Take part in the Great Science Share on Tuesday 16th June</i></p> <p style="text-align: center;"><a href="https://www.greatscienceshare.org/getinvolved2020#greatscienceshare">https://www.greatscienceshare.org/getinvolved2020#greatscienceshare</a></p> <p style="text-align: center;">(Page 2 Science Home Learning 2.pdf)</p>	<p style="text-align: center;"><b><u>Skill Focus - Recording</u></b></p> <p style="text-align: center;">Q: Which type of paper is most absorbent?</p> <p style="text-align: center;">(Page 6 Science Home Learning 2.pdf)</p>
<p style="text-align: center;"><b><u>Enquiry Type - Identifying and Classifying</u></b></p> <p style="text-align: center;">Q: How can you identify objects in your house?</p> <p style="text-align: center;"><i>We did this at home using Pokemon cards – you can use sweets, biscuits, toys or a collection of items. Check here for more ideas</i></p> <p style="text-align: center;"><a href="https://www.teachingideas.co.uk/animals-and-habitats/sorting-animals-resources">https://www.teachingideas.co.uk/animals-and-habitats/sorting-animals-resources</a></p> <p style="text-align: center;"><i>You could use 2Question in Purple Mash to record results</i></p> <p style="text-align: center;">(Page 4 Home Learning 1.pdf)</p>	<p style="text-align: center;"><b><u>SCIENCE QUESTIONS</u></b></p> <p style="text-align: center;"><b>Answer using different enquiry types and skills from the scientific method.</b></p>	<p style="text-align: center;"><b><u>Skill Focus - Making Conclusions</u></b></p> <p style="text-align: center;">Q: How is water recycled?</p> <p style="text-align: center;">(Page 7 Science Home Learning 2.pdf)</p>
<p style="text-align: center;"><b><u>Enquiry Type – Observation over time</u></b></p> <p style="text-align: center;">Q: How does a shadow change over time?</p> <p style="text-align: center;">(Page 5 Home Learning 1.pdf)</p>	<p style="text-align: center;"><b><u>Skill Focus - Analysing</u></b></p> <p style="text-align: center;">Q: Do your reactions get better the more you exercise?</p> <p style="text-align: center;">(Page 3 Science Home Learning 2.pdf)</p>	<p style="text-align: center;"><b><u>Skill Focus - Observing</u></b></p> <p style="text-align: center;">Q: Can you separate colours?</p> <p style="text-align: center;">(Page 8 Science Home Learning 2.pdf)</p>
<p style="text-align: center;"><b><u>Enquiry Type - Research</u></b></p> <p style="text-align: center;">Q: What nutrients are in your food?</p> <p style="text-align: center;">(Page 6 Home Learning 1.pdf)</p>	<p style="text-align: center;"><b><u>Skill Focus - Predicting</u></b></p> <p style="text-align: center;">Q: Which is the strongest shape?</p> <p style="text-align: center;">(Page 4 Science Home Learning 2.pdf)</p>	<p style="text-align: center;"><b><u>Enquiry Type - Identifying and Classifying</u></b></p> <p style="text-align: center;">Q: How do plant leaves differ?</p> <p style="text-align: center;">(Page 9 Science Home Learning 2.pdf)</p>

I have also uploaded 'The Ultimate Summer Science Experiments' pdf to the school website if you want to do more science