




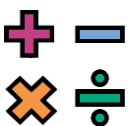


STEAM Challenges

Year 3 - Spring 1

<p>Science</p> 	<p>To be completed during the week beginning 12th January 2026</p> <p>Create a simple shadow puppet theatre to explore how light travels and how shadows are formed. Using a cardboard box, a torch, and paper puppets, you'll investigate what happens when objects block light and how the size and shape of shadows change when you move them closer or farther from the light source.</p>
<p>Technology</p> 	<p>To be completed during the week beginning 19th January 2026</p> <p>Use technology to record a reading of a narrative poem. Be creative in your ideas, can you crop a video or merge clips? Can you incorporate sound effects or transitions?</p> <p>Or</p> <p>Explore Scratch programming and create your own program involving movement scripts and sound effects.</p>
<p>Engineering</p> 	<p>To be completed during the week beginning 26th January 2026</p> <p>Make an anemometer. This is a device that measures how fast wind moves. Have a look at this example: Wonderful Wind. This anemometer has a series of cups mounted off a central shaft. As the wind blows, the cups spin round. How many times the cups go round (the number of revolutions per minute, rpm) is a measure of the wind speed.</p>
<p>Arts</p> 	<p>To be completed during the week beginning 2nd February 2026</p> <p>Create a Roman inspired mosaic. What materials could you use to do this? Think carefully about the sorts of images that might be included. Which colours will you use?</p> 
<p>Maths</p> 	<p>To be completed during the week beginning 9th February 2026</p> <p>Learn the 4-, 6- and 8-times tables by rote. Use your Times Tables Rock Stars account to help you. Can you create a times tables test and challenge someone at home to go head-to-head in a times tables battle with you? Who can complete the questions in the fastest time?</p>

Children in Year 3 can bring any STEAM Challenge work they complete into school or submit it to the year group homework email address – year3homework@watlingprimary.org.uk