

Below are your options for completing your half-term homework. You must complete **at least** one Maths, one English, the Science challenge and a topic. If you want to use your growth mindset and challenge yourself then do as many as you can!

<p>Maths: Challenge 1</p> <p>Investigate this problem using a systematic approach:</p> <p>Tim had nine cards, each with a different number from 1 to 9 on it. He put the cards into three piles so that the total in each pile was 15. How could he have done this?</p> <p>Can you find <i>all</i> the different ways Tim could have done this?</p> <p>Use the attached number cards to help you if you like.</p>	<p>Maths: Challenge 2</p> <p>Think of an imaginary creature. Use your geometric knowledge to draw your creature.</p> <p>Rules:</p> <ul style="list-style-type: none"> ● You must create a creature. ● Your polygons may overlap. ● You must use at least 5 different types of polygons. ● You must be able to identify and label each polygon on your collage. 	<p>English: Challenge 1</p> <p>Write a book review of any book that you have read and enjoyed (or really disliked!) during lockdown. Remember to include:</p> <ul style="list-style-type: none"> ● Book title and author ● Brief summary of plot (don't give too much away!) ● The book's strengths/weaknesses ● Your personal opinion 	<p>English: Challenge 2</p> <p>What were the Mayan warriors like? Can you draw a picture of one? Write about who they were and what weapons they had.</p>
<p>Science</p> <p>Play 20 Questions at home. One player thinks of a living thing, the other players ask 'yes or no' questions to work out what it is. Record the questions you asked in your book. Think about all the ways you have learned to classify animals and use this in your questioning.</p>	<p>Topic: Challenge 1</p> <p>The Mayans believed that the air was filled with good and bad dreams. They made dream catchers to keep dark dreams away from you as you slept. Have a go at making your own dreamcatcher. https://www.youtube.com/watch?v=nifkS6QjKQA</p>	<p>Topic: Challenge 2</p> <p>The Mayans loved chocolate. Can you find out about how chocolate is made? Draw a flowchart to show the process of making chocolate. You could use pictures and diagrams to help.</p>	<p>Topic: Challenge 3</p> <p>Can you draw or make a Mayan temple? Write about why the temples were so important to the Mayans.</p>

1	2	3
4	5	6
7	8	9

