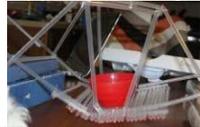


- It is important that your child **reads** at home at least **5 times per week** and this is recorded in their **learning log** which will be checked on Fridays.
- Please support your child in learning their **weekly spellings**.

Weekly Homework:		Reading (at least 5 times a week, checked daily)	Spellings (tested every Friday)		
Literacy & Communication	<p>Create a fact file about a British Engineer. Research what they invented.</p> 	<p>Investigate and create an information poster about Hedy Lamarr. What is she famous for doing?</p>	<p>Can you research John Augustus Roebling, the Brooklyn Bridge creator. How will you choose to present your research?</p> 	<p>Research bridges around the world. What are their similarities and differences? Which is your favourite and why?</p>	
Maths & Problem Solving	<p>Build your own bridge out of Lego. How tall can you build it? Take a photo and send it into class.</p> 	<p>Research the seven bridges of Königsberg. Can you take a walk through the town, visiting each part of the town and crossing each bridge only once?</p>	<p>Create a bridge using four cylinders, four cuboids and a piece of string. What household items can you use? Take a picture to show your teacher what you have done!</p>	<p>Could you build a bridge no taller than 1 metre? What will you use? Can you balance something on it? Will your bridge support the weight?</p> 	
Science and the Outside environment	<p>Draw a map of your local park using a 4-figure grid reference.</p> 	<p>A force is a push, pull or twist. Devise your own experiment using these forces. What have you found out. Remember to think like a scientist</p>	<p>Can you visit an area or a place where there is a famous bridge? What do you notice? Research and investigate your bridge. What material is your bridge made from?</p>	<p>How many bridges does the River Thames run under? Investigate and present your ideas to the class.</p> 	
Creative Arts & DT (Mechanical systems - levers and linkages (bridges, cable cars etc.)	<p>Make a simple bridge using recyclable materials. Can you make your bridge lift?</p> 	<p>Can you design your very own bridge? Consider its purpose – what will it be used for? You can be as creative as you like!</p>	<p>Investigate a bridge from around the world. Then draw it. Colour it in using water colours.</p> 	<p>Investigate and research how do levers work by playing a game of tug of war. Record your finding.</p> 	