

# STEM - Week beginning 15th June 2020

**STEM—Science Technology Engineering and Maths—STEM** is about learning these subjects through an integrated approach; one that offers hands-on and relevant learning experiences.

It is a great opportunity for the children to see how the topics they learn can be applied in a practical way.

The table below is a summary of the tasks set for the children. The resources and more detailed descriptions of the tasks can be found in the Word Document on the School website.

	Task 1	Task 2	Task 3
Plastic Monday	Sort the recycling. Design labels. Predict which will have the most in by the end of the week.	<b>TASK 2 Maths</b> <b>Foundation</b> Count the number of things made of plastic in one room. <b>Key stage One</b> Count the number of things made of plastic, metal, wood, paper in just one corner/area and make a tally chart. <b>Key stage Two</b> Count the number of things made of plastic, metal, wood, paper in just one corner/area and make a tally chart and turn this into a graph.	Make a new useful object or toy from plastic.
Metal Tuesday	<b>Foundation:</b> Find 3 toys made of metal. <b>Key stage One:</b> Name 4 different types of metals and their uses. <b>Key stage Two:</b> Explain 4 properties of metal. Do all metal conduct electricity? Do all metals conduct heat? Are all metals magnetic?	<b>Science investigation FOUNDATION and Key stage One</b> <b>Does metal float?</b> Find different things made of metal and see if they float. Key stage One/Two Use tinfoil to make a sculpture. Use a tin can or beer bottle tops in a different way.	<b>ALL AGES</b> Make a boat from tin foil, pie tin. How many Lego people will it hold? Can you make it move? Add a sail or propeller/motor.
Paper Wednesday	Make a paper bridge. Roll a marble or small ball along it.	Make a 3D paper tower. Balance book on it. Use kitchen tubes to make a tower.	Make paper aeroplanes. Measure the distance travelled.
Glass Thursday	Research how glass is made.	Sort Transparent, Opaque, Transparent objects.	Investigate Heat a chocolate button. Make a fruit juice ice lolly. Snowman investigation.
Fabric Friday	Make a T-shirt bag.	Design/make an outfit for teddy or you	White T-shirt with recycling Slogan