

## Homework 15<sup>th</sup>-19<sup>th</sup> June 2020

- **WELCOME TO A NEW WEEK EVERYONE!!**
- **This week is 'STEM' week! There will only be maths/science, engineering and technology based activities this week plus a little reading. Keep an eye on the school website for fantastic activities for you to try!**

### **Materials needed for STEM week – You will have most things in your house already!**

- Any recyclable materials: empty toilet rolls, egg cartons, cardboard, paper, bottles, bottle caps, lollipop sticks
- Glue/Sellotape
- Scissors
- Cocktail sticks
- Marshmallows/Jelly Beans
- Tinfoil
- Jenga/Building blocks of any kind

	Monday	Tuesday	Wednesday	Thursday	Friday
<u>English</u>	Reader on Seesaw	Reader on Seesaw	Reader on Seesaw	Reader on Seesaw	Reader on Seesaw and Listen to Ms. Lohan's story
<u>Menu of activities</u>	<u>Construct an animal enclosure!</u> Build an animal enclosure for one of your teddies or toys. You could use lego/blocks/ Empty toilet rolls/any other recyclable	<u>Make a tower as tall as you!</u> Any regular sized or shaped building pieces, e.g. blocks (not Lego), Jenga pieces, dominoes, mini cereal boxes, Duplo etc can be used. The challenge is to build it as tall as	<u>Junk Art Robot</u> Gather some recyclable materials - also tinfoil may be useful here. Make a drawing of what you want your robot to look like. Discuss what a robot is made of. E.G. What could we use to make it look like it is made	<u>Maths - Shape making</u> All you'll need is a pile of jellybeans (or large marshmallows) and toothpicks By connecting toothpicks with jellybeans, encourage your child to see which shapes hold together well,	<u>Desing and build a Bridge!</u> Build a bridge that will hold one of your small toys! Look at some pictures of bridges on the internet. You could make a small bridge with things like lollipop

materials.  
What animal did you build it for?  
What did you build your enclosure out of? How will it protect/keep the animal from getting out?

you can without it crashing down before you get to the top. Lots of problem solving in this activity.

of metal? E.g. tinfoil.  
What could we use for buttons/controls? (bottle caps)  
Look at some robots on the internet



**Questions to ask:**

Tell me about your robot. What does each part do? How did you put the materials together?

which shapes stack well and which shapes are most interesting to look at.



sticks/lego/cups or a large bridge using chairs or large pieces of cardboard.