HELLO! Welcome back to Creating Space Chippy…

We hope you enjoy this week's Family Activity Bag of resources and ideas, and that it will bring a smile to your faces and go a little way to providing some entertainment, inspiration and fun. Each week we have a different theme and provide a craft, plus activities and suggestions, and some crazy facts and jokes to keep you going.

Have fun and keep in touch via **@creatingspace.chippy** on Instagram, or creatingspace.chippy@gmail.com

stmaryscnorton.com (Covid-19 Response, Family Resources page)

Enjoy & Take care, The Creating Space Crew x

St Mary's Chipping Norton **#CreativeKidsOfChippy**

This week's theme is:

ENGINEERING & CONNECTION

How are you doing? I really do hope that as the days pass on by, and somehow I find myself writing to you for the ninth time, you are keeping well and looking after yourselves and each other.

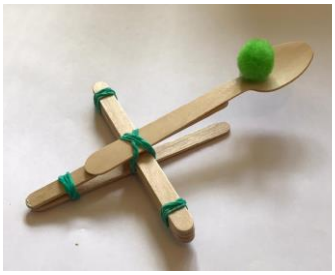
It has perhaps felt for some of you as is if some light at the end of the tunnel is beginning to creep in. With parks starting to reopen and plans for return to school for some begins, it does feel as if we may start to reconnect again. All this time apart has reminded me just how important human connection is – not just virtual connection, but real reaching-out and holding-hands connection. So that is one of our theme's this week and I hope you enjoy thinking about why connection is important to you and who are those you enjoy connecting with most.

The other theme we are looking at is engineering. In doing your crafts you will be thinking about how objects and materials relate to each other and react in one way or another (just as we do to each other). Perhaps you will also think about how so very many things in our everyday lives are designed and made by engineers. Did you know that I-phones, snowboards, and interactive TV are all made possible by engineers. Maybe one day you would like to become an engineer.

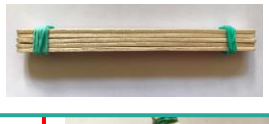
I hope you enjoy all this week's activities relating to both engineering and connection. So, stay safe, think big and HAVE FUN!

Bye for now, Catherine x

You will need:
-Popsicle sticks
-Rubber bands
-Bamboo spoon
-Pompom (ammo!)



Family Craft: Popsicle catapult



What to do:
****decorate 2 popsicles & the spoon and use these on top****
1.Stack 5 popsicle sticks on top of one another.
2.Wrap a rubber band around each end of the stack.
3.Stack the other 2 popsicle sticks on top of one another.
4.Wrap a rubber band around one end of the stack.
5.Slide the stack of 5 popsicle sticks between the 2.
6.Secure the structure using two rubber bands to make an X.
7.Push the bamboo spoon under the rubber band X.
8.Place your pompom ammo on the spoon – and FIRE!!

Do you know this book by Andrea Beaty? About a girl with an amazing design curiosity who learns to never give up!!

What games can you make up to use with the catapult? Use cut up loo rolls as targets spaced out with different points for each? Make a basket ball hoop out of a yoghurt pot and straws? Use your imagination and work together to create your own catapult entertainment!

Marshmallow & Toothpick Geometry Engineering

You will see that we have included mini-marshmallows, toothpicks and a booklet with geometry engineering instructions. Have fun constructing the different 3D shapes and learning their names.
Maybe you could think about how the shapes are used in engineering in the world around us. Can you come up with your own shapes and give them names too? Could you sue junk modelling to make some of the shapes and make them into houses, using paint, felt-tips or stuck on paper to decorate?

JOKE CORNER!!

Can a kangaroo jump higher than the Empire State Building?
Of course! The Empire State Building can't jump!

Why did the picture go to jail?
It was framed!

We ♥ FACTS

-- Running Shoes are Designed by Engineers
Engineers determine how much force travels from the pavement through the shoe to the foot. Through their calculations and design, weight is dispersed through the entire foot, allowing better performance and comfort.

-- Engineers play an crucial Role in Theme Parks. They are involved in designing, building, lighting, and even crowd control at theme parks all over the world.