Subject: DT Challenge Grid

Want to stretch yourself and try a new challenge at home? Have a go at one of these language challenge tasks!

Design a bag from newspaper. You can only use sellotape, glue, string or staples to join parts together.



Use recycled products to make a catapult.



Please use it safely and make sure there us nothing in the firing zone!!

Make a model boat using recycled products. Your boat must float and be able to hold a small toy such as a lego figure.

What items could you find in your house which float?



Build a bridge from newspaper. You can only use sellotape, glue, string or staples to join parts together.

What shapes could you use to make your bridge strong?



If you like cooking, why not bake something and then design the packaging for your food item?

Think about your knowledge of nets and think about how to protect the food.



Be careful using needles and scissors.

Make your own sock

puppet.

You could use buttons.

ribbons, card, pom

poms.

You could create a puppet show for your family with props and a background.



Recycle and upcycle!

Can you add a new lease of life to an old item of clothing?

Perhaps you could add some decoration or alter it in some way?

Make sure you ask an adult for permission first.

Wacky races!

Use old boxes, bottle tops, plastic bottles or anything else you can find to create a car. How can you modify it to make it go even faster?

Have a race with a friend!

Use building blocks or Lego to create a sculpture or a tower. How tall can you make it? How will you make it strong at the bottom? Create a board game to practise your Maths skills. You will need to design and make the board, counters or cards, a dice and a box or bag to hold the game.

Create a marble run from a cereal box and other pieces of cardboard, straws, toilet roll tubes.

meal time.

You could use pre-made pizza bases, make your

Design your own pizza

toppings for a family

pizza bases, make your own dough or you could use a tortilla wrap as the base.

There are some video clips on BBC Bitesize you may find interesting if enjoy creating things.

https://www.bbc.co.uk/teach/class-clips-video/art-and-design-ks2-design-challenge/zdc3wty

https://www.bbc.co.uk/teach/ks2-design-and-technology/zvb8hbk