

Daily Plan – Friday 3rd July 2020

English

Grammar: please complete tasks set on Literacy Planet.

Today's task is a reading comprehension.

Please complete the 'Mr Stink' comprehension given in school or alternatively complete the reading comprehension task set on Literacy Planet. Mr Stink comprehension attached, If you were not in school but do have a copy of 'Mr Stink' by David Walliams you may complete the attached comprehension. The 'Mr Stink' film is available to watch free on: <https://www.bbc.co.uk/programmes/p0118z9z> but do make sure you read the book to complete the comprehension.

Maths

Remember to complete at least 10 minutes of mental maths work **EVERYDAY**. Today choose any of the games you have played so far – Have you played countdown recently? Or times tables hit the button?

Complete challenges set on Mathletics

<https://login.mathletics.com/>

Science/DT

Properties of materials

Today's science focus is structure and strength of materials. This lesson uses DT and science to help you learn about materials and structure.

When making a structure, you may find that some are strong, and others are not.

There are simple rules that can be followed to make structures strong.

Ensure that the **base is wider than the top**.

Offset the way blocks are **stacked** so that gaps don't run down the whole structure - look at house bricks to get a better idea.

Use **triangles** where possible - take a look at a bridge or pylon and you may see lots of triangles there to add strength to the structure.

The following video, taken from the 'Explain This...' series, explores the key properties of structures and how they can be changed to make them stronger. Follow the link <https://www.bbc.co.uk/bitesize/articles/zrn6pg8> and watch the video. Then read the information underneath, scroll down, and watch the video of 'Dick and Dom'.

Now you can try and put some of what you have learned about making structures stronger into action

Task 1: Using materials from around the house, have a go at building your own bridge. It needs to be strong enough to hold up a toy vehicle, so think about what you have learnt about strong shapes and structures and add this into your design. You can plan out and evaluate your bridge on the following worksheet.

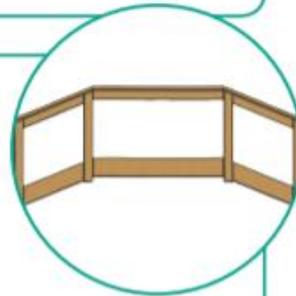
Build a Bridge

You are going to make a bridge strong enough to carry a toy vehicle.
You need to plan the bridge before you make it.

**What will you need
to make your bridge?**

How will you make it?

Draw your bridge here.



Test your bridge and write an evaluation.

If you do not have materials you can use around the house just plan what you would do if you had the materials you would use.

Optional practical: Build a self-supporting dome structure.

For this activity you will need straws of different colours, scissors, and tape.

You can follow the steps in the worksheet from the Science Museum Group attached (print if needed).