

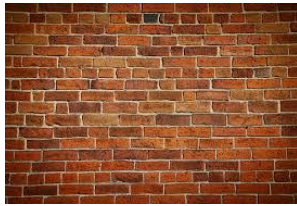
Science

Strength of Materials:

The strength of materials means being strong. Materials will have different strengths depending on their uses. For example: tables are made from strong materials, like wood, so that they don't collapse when you put something on them.

Activity 1:

Put these materials in order of how strong they are. Order them from the weakest to the strongest.



Activity 2:

You are going to make 4 different bridges using the following materials: plain paper, tissue paper, card and wrapping paper. (If you don't have any of these materials then look for alternatives in your house). Once you have made your bridges, you will need to put an object on it to test to see if it will stay standing. Remember to make sure that you use the same object for each bridge so that it is a fair test!

Before completing the experiment, you need to make a prediction of which material you think will be the strongest.

After you have completed the experiment, write a conclusion to explain which bridge was the strongest and why.