

Year 2

Curriculum: Design Technology

Working with tools, equipment, materials and components to make quality products: Build structures, exploring how they can be made stronger, stiffer and more stable.

Guidance for parents

Developing, planning and communicating ideas

- Draw on their own experience to generate ideas

What bridges have you seen? What did they do?

Look at the sheet with the pictures of bridges on. What is the design like? What material is it made of? What makes it strong? Is it functional – does it work well? What do you like about it? What could be better?

Look online for more bridges if needed.

Decide which materials (construction e.g. lego, junk modelling) to make your own bridge and draw and label your design.

Working with tools, equipment, materials and components to make quality products.

- Make their design using appropriate techniques

Choose a material. Is it strong enough?

Test out the strength of different materials. How will you attach the different parts to keep it strong? Test your bridge by placing different objects on it. Start off with lighter objects, e.g. a small teddy bear and maybe progress to a tin of beans!

Evaluating processes and products

- Evaluate their product by discussing how well it works

Talk to your child about their design. What do they like best? What would they change?

