

# Challenge to draw, design, make and evaluate a bridge

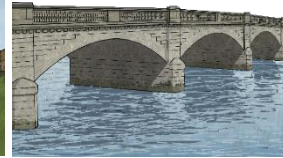
It must be at least 20 cm long and hold 5 small cubes/objects



cantilever



beam



arch



Suspension

**WHAT TYPE OF BRIDGE WOULD YOU LIKE TO MAKE?** Look at the 'types of bridges' PowerPoint

1. **Select your tools and choose your equipment.** Here are some ideas:  
Paper clips, newspaper, paper, card, tape, string, straws, lolly sticks or glue

2. **Draw your design**

3. **Label what you used**

4. **Evaluate**

What went well? \_\_\_\_\_

How successful is your bridge? Did it hold 5 cubes? How many? \_\_\_\_\_

What would you do differently? How could your bridge be improved?

If you could have one more material, what would it be? \_\_\_\_\_

What would be a better design drawing?

5. **Photograph it or video your answers and put it on Tapestry, please.**