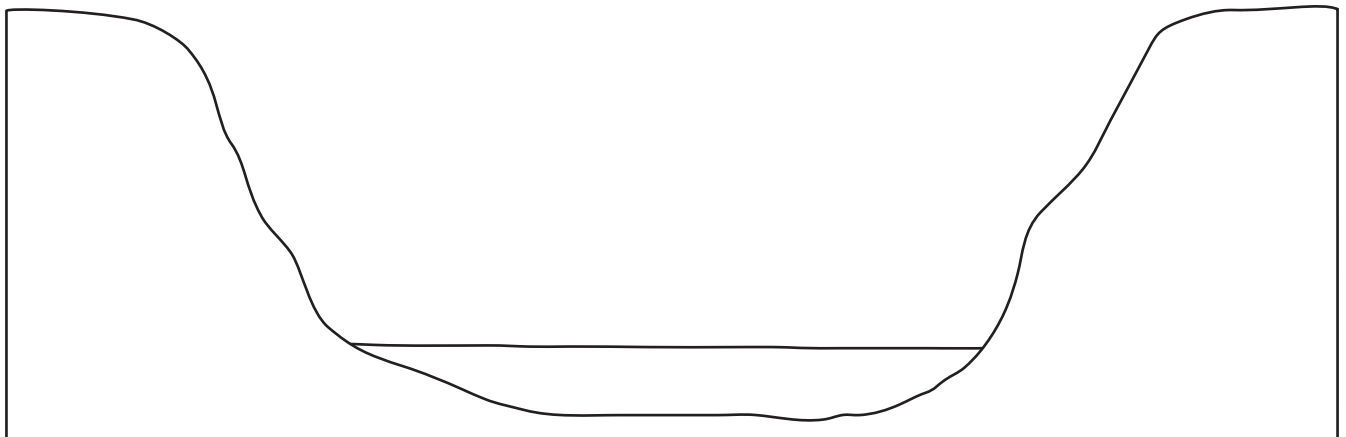


Activity sheet

Bridging the gap

- You are an engineer who needs to design a bridge to carry a railway line over the river shown in the picture below.
- Find out more about beam, arch and cantilever bridges. Decide what type of bridge would be best and then draw it on the sheet.



- Choose what materials and tools you will need to make your bridge.

Materials needed	Tools needed

- Now build a model of the bridge you have designed and carry out fair tests to see how effective it will be.

