



Building Bridges

L.O: I can build a bridge which the model car can go over.

Problem:

A car has got to travel from one side of a canyon to another.
The canyon is 40 cm wide.

Task:

To build a bridge which the car can travel over.

Materials:

- * Paper (£10)
- * Paper Clips (£3)
- * Sellotape (£10 for a 10 cm strip)
- * Scissors (free)
- * Ruler (free)
- * Pencils (free)
- * Scrap paper (free to practise construction techniques)

Rules:

- *Each table will work together to solve the problems, and your first task is to think of a name for your construction company.
- *Now, make a bridge large enough (and strong enough) for a car to travel from one side of the canyon to the other.
- *You can use the materials above to make your bridge, and all materials should be purchased from Bob's building supplies.
- * Each group has £100 to spend.
- *You must work as a team, planning ahead, deciding what to buy and working out the best way to solve the problem.
- * You have 30minutes in which to create your bridges.
- * You CANNOT use the car to test the bridge during the production time, but you may hold the car to assess its size and weight.