



Working with Others: Building Bridges



Problem: A car has to travel across a valley that is 40cm wide.



Your Task: Build a bridge that the car can travel across.



Materials

- Paper (£10);
- Paper clips (£3);
- Sellotape (£10 for 10cm);
- Scissors (free);
- Ruler (free);
- Pencils (free);
- Scrap paper (free).





Bridge Building Rules

- ❑ Each table will work together to solve the problems;
- ❑ Think of a name for the construction company;
- ❑ Make a bridge large enough and strong enough for the car to travel across;
- ❑ Only use the materials provided;
- ❑ Do not spend more than £100;
- ❑ Work as a team - everyone needs a part;
- ❑ Only 30 minutes is allowed to make your bridge;





B.J.'s Building Supplies

Prices

Paper £10



Paper clip £3



Sellotape £10
(10cm)



No Refunds!



Judging



At the end of 30 minutes, children should show their bridges, and test them using the car provided.

Points will be awarded for design, teamwork, fitness for purpose, and the use of materials.



Score Sheet

Team Name	Did it support the car?	Marks for Design	Marks for Teamwork	Marks for Economy