



ROCHESTER
BRIDGE TRUST

Get Santa to the sleigh!



Santa's elves have made him an amazing runway for the sleigh and reindeer to take off from. Unfortunately they forgot about how Santa would get to the sleigh from his workshop, across the cracked ice and snow!!

Your challenge!

Design and build a model bridge, that can carry Santa from his workshop, over the snow to the runway. Your bridge must be freestanding, must be able to stand on two "piers" placed 45cm apart, and be able to support a 500g mass (Santa!). Your bridge will be constructed from paper and Sellotape only, and must not be attached to the piers (books) or the floor/table. You may fold or cut the paper however you wish!

You will need:

- 6x sheets A4 paper
- Sellotape & scissors
- A 500g mass (500ml water bottle) to represent Santa
- 2 books/piles of books placed 45cm apart on the table/floor (the piers)

