SUPER CLIMBER

What you do:

1. Print out this page. Cut along the dashed lines around the Father Christmases. Paste the back of one Father Christmas with glue, hold it up to the light, against a window, and stick the other sheet on top so that the outlines are aligned. Now cut carefully around the double-sided Father Christmas.

2. Cut two lengths of straw about 10 cm long.

3. Using sticky tape, attach the pieces of straw to the hands and feet of the climber, vertically.

4. Cut a piece of string about 1.5 metres long. Thread each end of the string down through the pieces of straw, through a bead and then tie a knot to keep the bead in place.

5. Hook the loop of the string over a hook or door handle, then pull the ends of the string alternately to make Father Christmas climb!

You should find:

Your Father Christmas scales the strings like a superhero! By angling the strings outwards, you create friction between the strings and the straws so that he doesn't slip down. When you pull downwards on one string, that string becomes tauter and straighter, reducing the friction and allowing the string to slip through the straw. Meanwhile, the friction on the other side of the string grips hold of the climber. Since this string is being pulled upwards, Father Christmas gets pulled up with it!

TIP:
You will need to pull the strings outwards slightly.

You will need:

- Printer
- Scissors
- Glue
- String
- Sticky tape
- A paper straw
- Two beads, larger than the opening of the straw