

ELF STEM CHALLENGES

Decorate the Tree

The elves can't reach the top of the tree.

Can you build them something to help?

TOP TIP: build a lollystick catapult



Too Heavy!

Santa's sleigh is very heavy. Can you work out how many marshmallows or candy canes weigh the same as one elf on the shelf?



TOP TIP - use scales or make a coat hanger balance.

Wet Weather!

Oh no! It's raining and the presents in the sleigh are getting wet!

Can you create something to cover the sleigh and keep the presents dry?



Back on the Shelf

One little elf has fallen off his shelf.

Can you build him something to get back up?



TOP TIP - how about a ladder made from straws, or a hook made from candy canes.