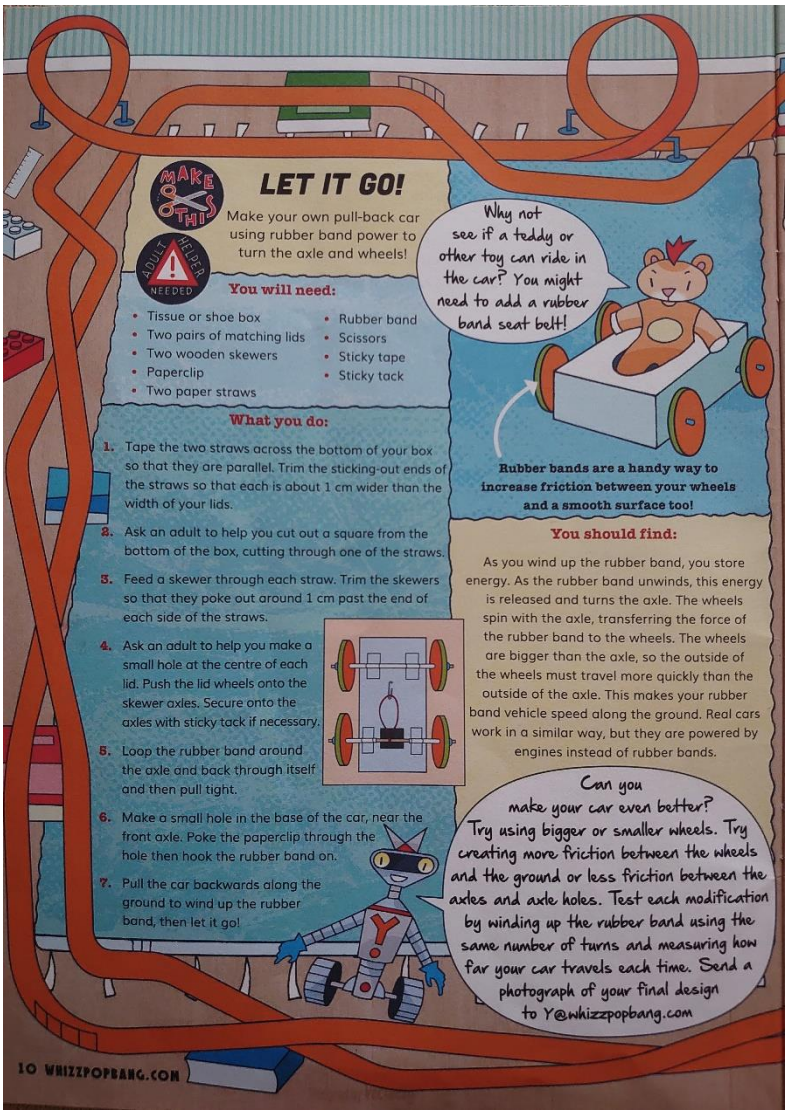
How To...

Day 12: Build a Pull-Back Car – Zooooooooooooooom!

Build a pull-back car using rubber band power from the 'Wild Wheels edition of Whizz Pop Bang Magazine.

Can you make your car even better? Try using bigger or smaller wheels. Try creating more or less friction between the wheels and the ground.



Instructions

1. Tape two straws across the bottom of a shoe box or tissue box so that they are parallel. Trim the sticking-out ends of the straws so that each is about 1cm wider than the width of your wheels (lids from something would work).

2. Ask an adult to help you cut out a square from the bottom of the box, cutting through one of the straws.

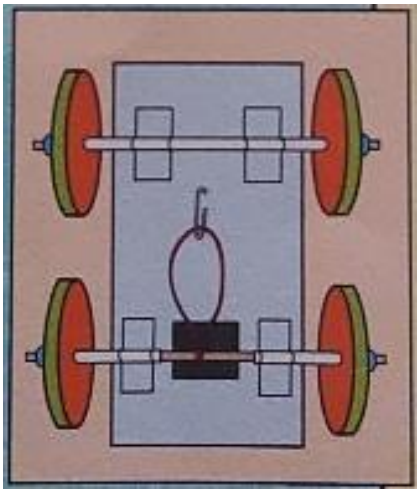
3. Feed a skewer (or similar) through each straw. Trim the skewers so that they poke out around 1cm past the end of each side of the straws.

4. Ask an adult to help you make a small hole at the centre of each lid. Push the wheels onto the skewer axles. Secure onto the axles with sticky tack if necessary.

5. Loop the rubber band around the axle and back through itself and then pull tight.

6. Make a small hole in the base of the car, near the front axle. Poke the paperclip through the hole then hook the rubber band on.

7. Pull the car backwards along the ground to wind up the rubber band, then let it go!



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