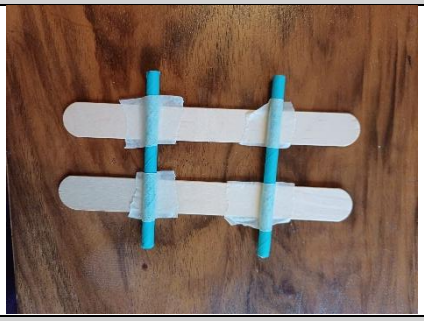
HOW TO MAKE A BALLOON CAR

1.



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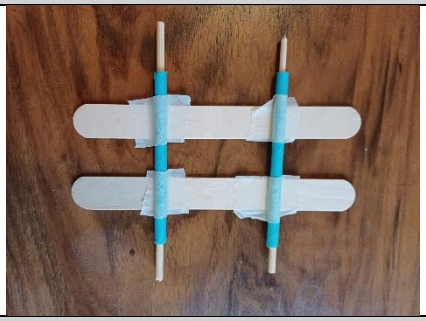

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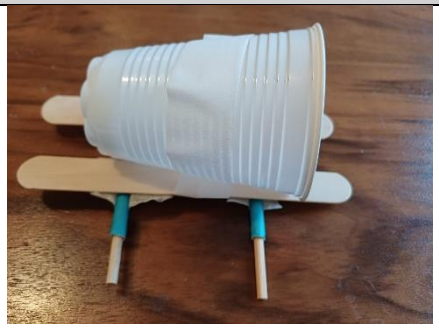

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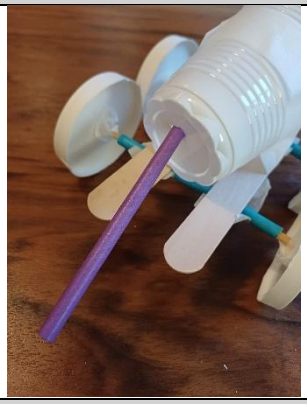

8.

When you blow up the balloon, it stores **elastic potential energy**. This energy is ready to be used. When you let the air go out of the balloon, the **elastic potential energy is transferred to kinetic energy**. Kinetic energy is movement. So, your car moves along the floor.

Can you measure how fast your car goes? You need to measure **how far it travels** and the time it takes to do this. You can use **a ruler** or **a tape measure** for the distance, and the **stopwatch** on a phone for the time. Use this **equation** to calculate the speed – **speed = distance ÷ time.**

What units have you used? The speed could be measured as cm/s or mm/s.

Can you make it go faster? Try changing the surface. Does it go faster on a rough or a smooth floor?

Fair Futures

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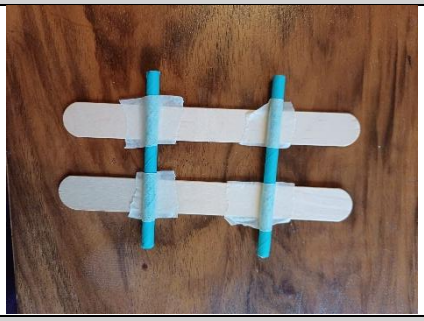

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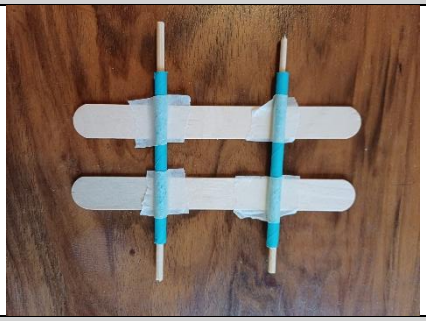

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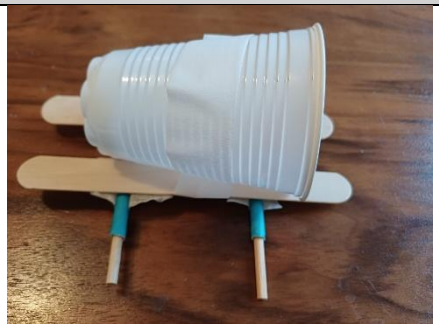

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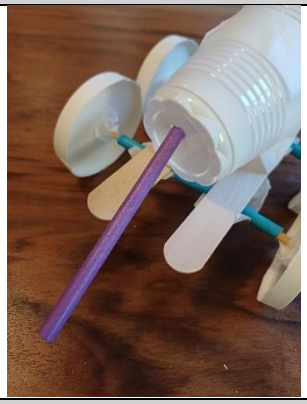

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