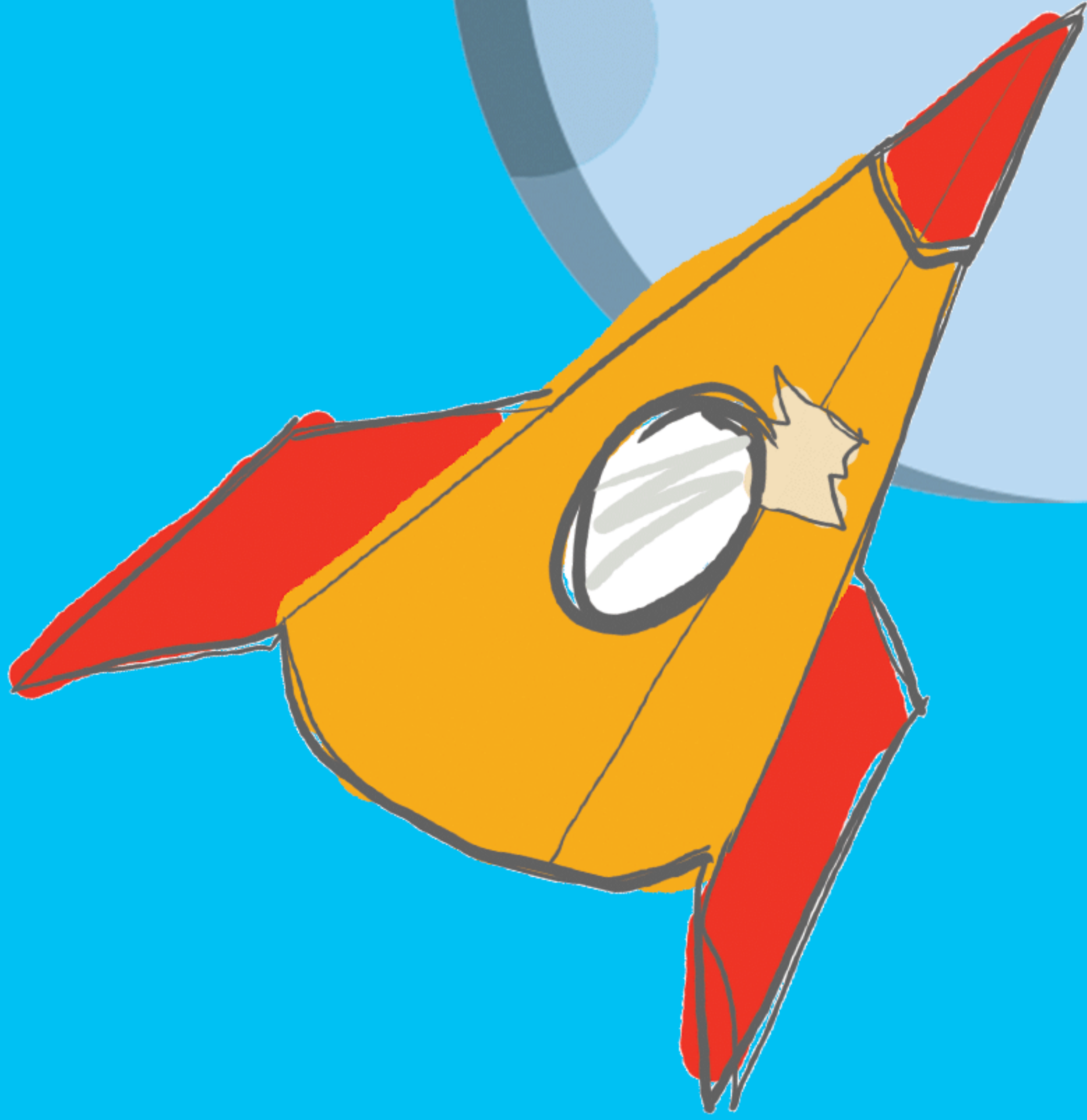


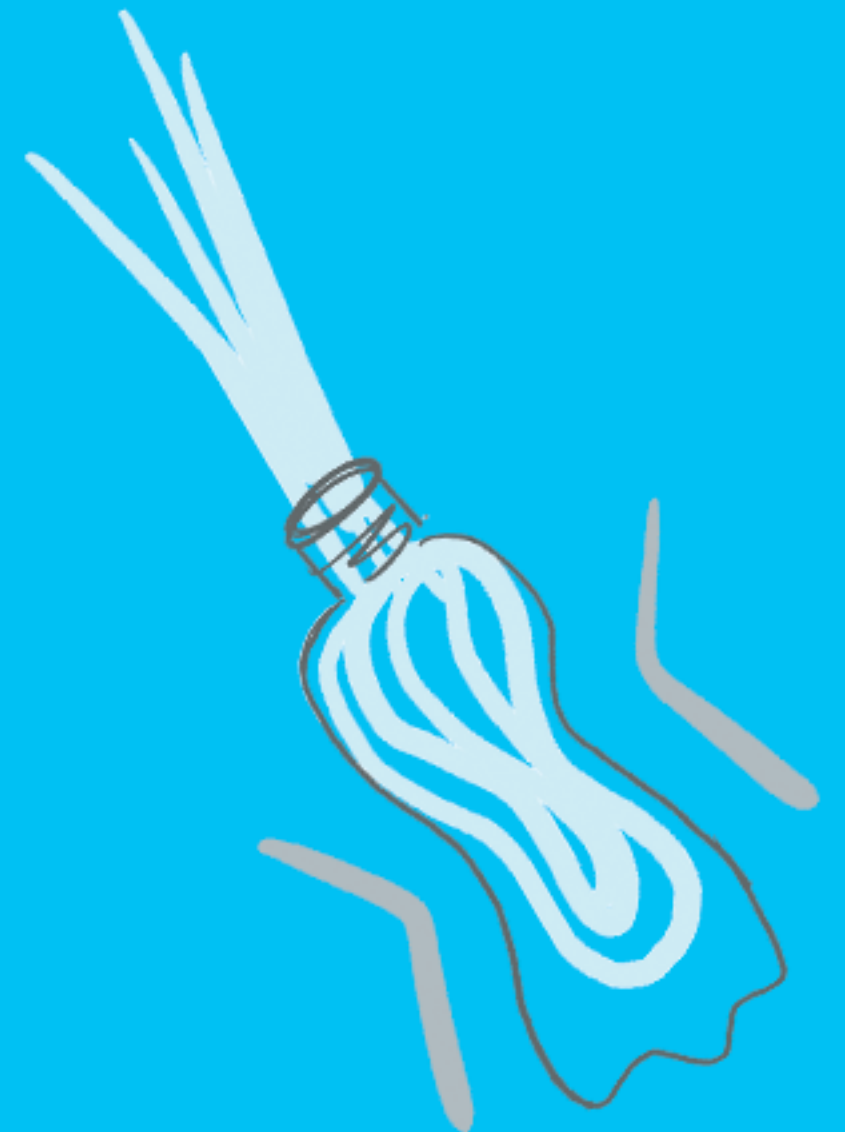
Maker
{Futures}



Rocket Launcher Challenge

What you need:

- **An empty 2l plastic bottle**
- **Paper**
- **Sellotape**
- **Scissors**



Rocket Launchers

{Challenge}

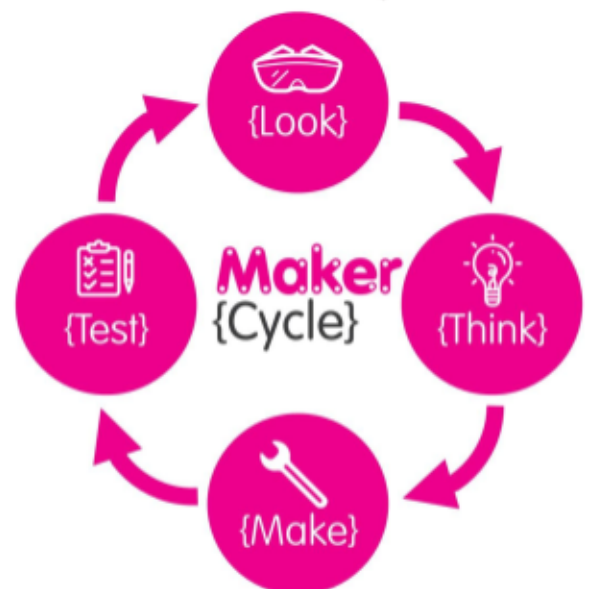
Can you build a rocket and launch it into the sky?

What you need

- An empty 2l plastic bottle
- Paper
- Sellotape
- Scissors

Use the Maker{Cycle} to create like a Maker:

- **Look** around the house for the materials you need. If you don't have a 2l plastic bottle an old milk carton will work!
- **Think** about how rockets are shaped. How does their shape help them to move through the air?
- **Make** your rocket and launcher. The plastic bottle is your launcher. The rocket will sit on top of this. Make your rocket out of paper making sure that the base of it sits around the mouth of the water bottle.
- **Test** your rocket out. Make sure the cap is off of your water bottle. Place your rocket over the mouth and then squeeze the plastic bottle quickly, causing the air to push your rocket into space!
- How could you get your rocket to fly higher?



{Top tip}

Rolling your paper into a cone shape is a great starting point for your rocket. This shape pierces through the air easily.