



SUSTAINABILITY

*Learn to live
lightly by
focussing on
Sustainability
and knowing
more about your
place*

Activity overview

Make a mini boomerang that you can fly inside the house

Equipment required

Pattern

Paper

Cardboard

Glue

Time required

10 mins to
make, days to
perfect

MINI BOOMERANG

Make a mini-boomerang that not only flies, but returns to you just like the real thing. These tiny boomerangs are launched with the flick of a finger, and can be used inside without breaking anything.

Before you start:

Have a look around for materials that you could re-purpose for your boomerang. Rather than using a new sheet of cardboard, is there anything in your recycling bin that you could give another life to?

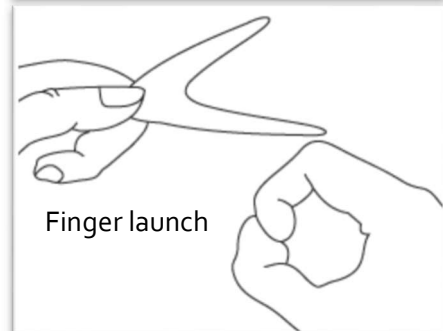
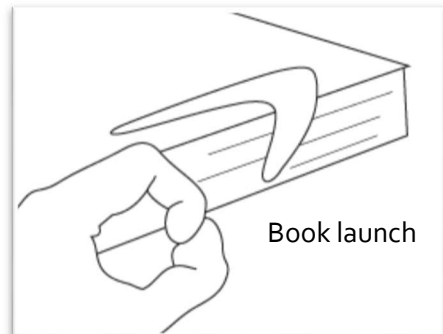
Get making:

Step 1: Choose your pattern, cut it out roughly (allow a few cm around each edge) and stick it onto cardboard.

Step 2: Colour or add designs to your boomerang.

Step 3: Cut neatly around the boomerang. Follow the curve carefully to get smooth edges.

Step 4: Your boomerang is ready to fly! Experiment with different launching techniques to decide what works best for you.



What's next?

Experiment with different angles, and see how the size of each arm (airfoil) effects how the boomerang flies. Some alternative shapes can be found on the template, or you can make your own.

You can formalise this experiment by thinking about how to control the variables, and how you will measure the results of each trial. Consider presenting your results in a report, a PowerPoint, a video or a table.

Source: <https://www.auntannie.com/Geometric/MiniBoomerang/>

This information is not for sale. It is for educational purposes only.

Contact us: Breathing_Space@maroonoec.eq.edu.au



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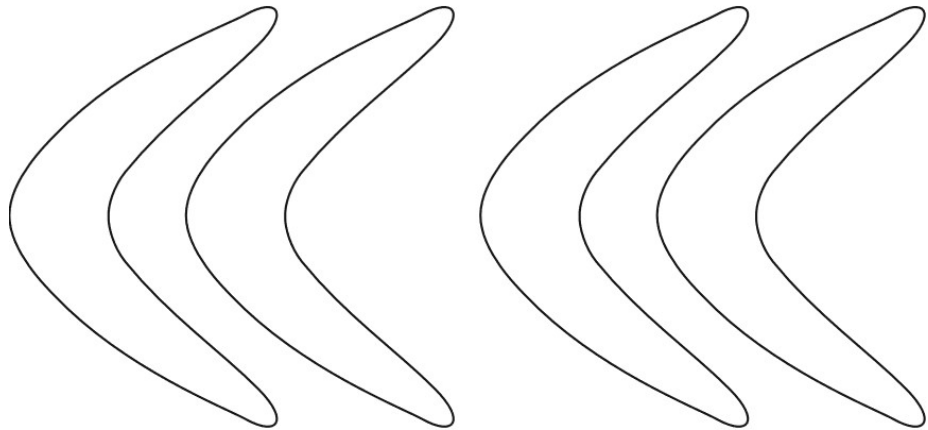
Equipment required

- Pattern
- Paper
- Cardboard
- Glue

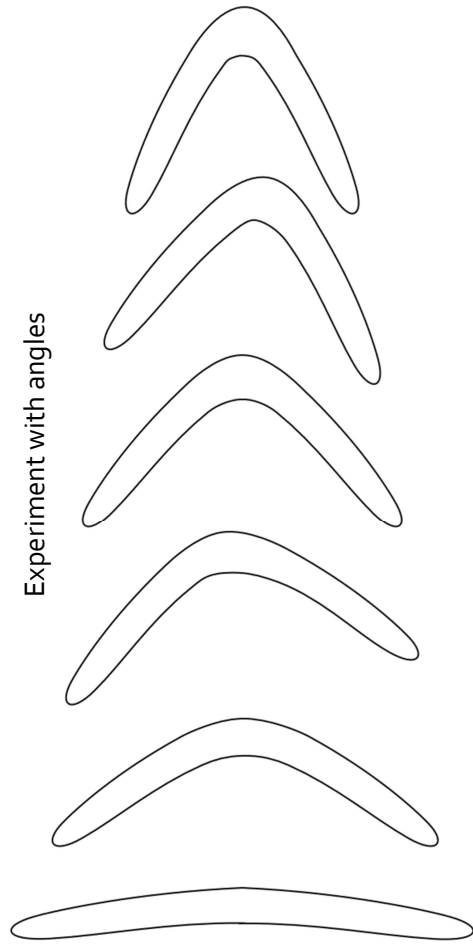
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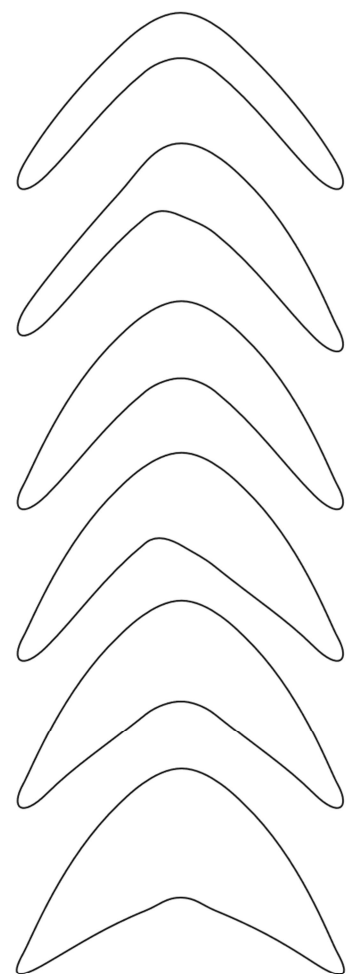
MINI BOOMERANG PATTERN



Experiment with angles



Experiment with airfoil



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