it's Storytime CHALLENGE

Create a rocket that will travel the furthest distance.

REUSE Toolbox

What other materials could you find and use?

Pencil
Scissors

Tape
Straw
Measuring Tape

Rocket Template
Data Log

Use the rocket template to create a straw rocket and measure the distance it travels.

How can you improve your design?

Make new rockets by changing the template.

Try different rocket lengths, fin shapes or fin angles.

For every launch, record in your data log - What did you change? How far did it fly?

ASK ▶ ▶ ▶ **What is the problem?**

IMAGINE ▶ ▶ **Brainstorm possible solutions.**

PLAN ▶ ▶ ▶ **Pick an idea and plan out how you are going to do it.**

CREATE ▶ ▶ **Build it!**

IMPROVE ▶ ▶ **What worked? What didn't? How can you make it better?**

SHARE ▶ ▶ **Share your idea!**