

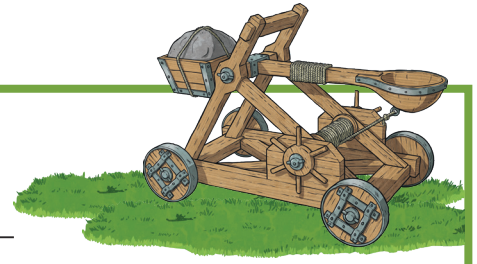
Design a Catapult



STEPS
Engineers
Week

Explore

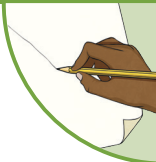
What is a catapult? (in your own words)



What uses does a catapult have?

Plan

Draw a sketch of your design before creating the catapult.



List the materials your team will use to create your catapult.

Make

Describe the steps you and your team took to create your catapult.

Questions

Evaluate

1. What was the impact of the different elastic bands? Was a thin band or a thick band better?

2. How did working as a team help with the design process?

3. Did you learn anything from the other teams' designs?

4. Is there anything you would do differently if you were to design a catapult again?

Maths Links

1. At what angle is the catapult most successful? (acute / right / obtuse)

2. Measure the distance each time you launch a paper ball. What is the furthest your catapult projected the paper ball?
