



## Eastfield DT Sequence of Work - Year 4 - Structure / Mechanical (Catapult)

### Market Research Product Research

What is a catapult? When were they used? How do they work? Ask the children to bring in any toys from home that are catapults. Examine how they work. Look at catapult toys on the internet.

### Project Brief

Label a catapult. What are the most important elements?

### Key skills/techniques

Make a simple popside catapult. Practise using elastic bands to create tension.

### Improve

Adapt design to ensure it works more efficiently.

### Design

Create a step-by-step set of instructions for making a catapult.

### Create and Make

Follow the step-by-step instructions to create a working catapult.

### Evaluate

Devise a game, such as knocking down building bricks. Can your catapult knock over all the bricks? Evaluate its success.

