

# BRITISH SCIENCE WEEK 2018

Year 4



"Even though I made some changes that I thought would improve the catapult, the first one was the best." James

I predicted that using a midget gem instead of a mini marshmallow would work better. I thought a heavier payload would travel further, but when we tested it, we found the marshmallow went further.

The theme for British Science Week 2018 was 'Exploration and Discovery' so the children in year 4 investigated 'catapults' which the Romans invented and regularly used in their invasions.

We all made our own catapults which we tested out and then evaluated and improved.

The children thought of many different variables that they could change and test out, ranging from changing the 'payload' to changing aspects of the design so the fulcrum was positioned differently. They then tested their ideas, took measurements and refined their ideas in the light of their results.

