**Catapults**

Medieval catapults (trebuchets) were used in battle to launch large rocks at castle walls.

Create a paddlepop stick catapult and test to see how far your projectiles can travel.

Record your results:

|  |  |
| --- | --- |
| Projectile: | Ping Pong ball |
| Test | Distance: |
| 1 |  |
| 2 |  |
| 3 |  |
| Average |  |

|  |  |
| --- | --- |
| Projectile: | Cotton wool ball |
| Test | Distance: |
| 1 |  |
| 2 |  |
| 3 |  |
| Average |  |

|  |  |
| --- | --- |
| Projectile: | Marshmallow |
| Test | Distance: |
| 1 |  |
| 2 |  |
| 3 |  |
| Average |  |

**Analysis:**

Which projectile travelled the greatest distance?

Which projectile travelled the shortest distance?