

**Gravity and pendulums 1**

Invent a game that uses a beam balance.



**Gravity and pendulums 2**

To prove the theory of gravity, Galileo dropped a feather and a rock from the top of the tower of Pisa. What else could he have dropped to prove the theory?

**Gravity and pendulums 3**

Make an improvement to a playground swing so that it is not so dangerous.

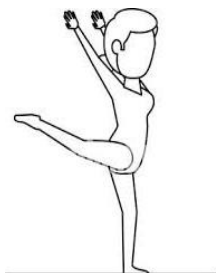


**Gravity and pendulums 4**

Design a children's playground that is made up of equipment that relies on gravity.

**Gravity and pendulums 5**

Work out a sequence of 5 balancing exercises that do not use equipment. List the activities, e.g. balance on the left foot.



**Gravity and pendulums 6**

Invent a game that uses a pendulum to hit a target.