

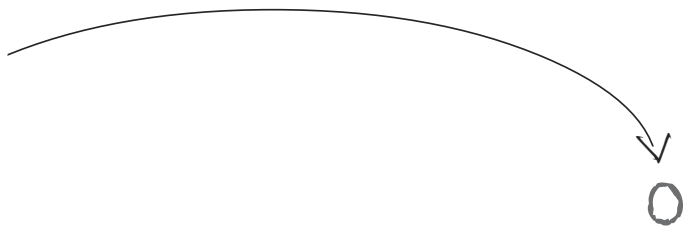
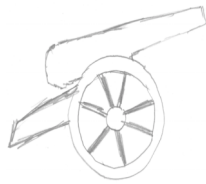
practical activities

Could the Earth be travelling around the Sun?

To do this we will need:

- Two people
- Some rope

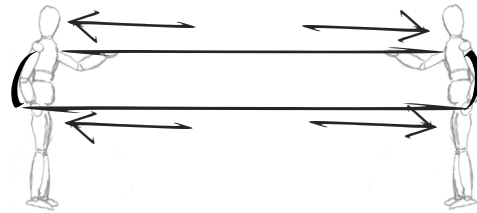
Heavy things fall to Earth. Why?



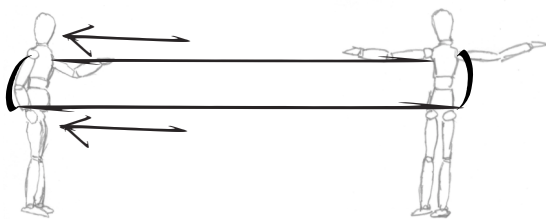
Try this :

Imagine one person is the Sun. The other person is the Earth. They both stand inside a loop of rope. The rope is the invisible force that draws them together.

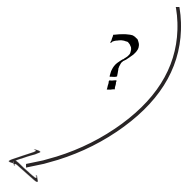
What happens if they both pull the rope?



What if the Sun was trying to travel in a straight line like the cannon ball from the cannon? Staying in the rope, the Sun tries to walk past the Earth. What happens?



Would the same happen if the Sun was still and the Earth went past it?



How long would it take for the Earth to travel around the Sun?