



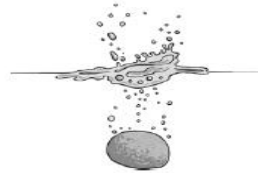
Spring 1- Year 5 What will I be learning? To explain gravity. To identify the effects of resistance. To recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect

Label **gravity** and **one other force** on these two diagrams, showing the directions of these forces using arrows.

An aeroplane flying



Dropping a stone in water



Name these three mechanisms that make things easier to do as they lessen the force needed to be used.



.....

What is the name of the force that pulls things towards the center of the Earth?

\_\_\_\_\_

Who discovered this force?

\_\_\_\_\_

. Match the word to its definition

Forces	(up thrust) created by the volume of water
Gravity	A type of friction caused by water
Air resistance	Push or pull
Buoyant force	is the name of the force that is pushing up against the parachute.
Water resistance	A pulling force exerted by the Earth

