

Forces

Year 5 – Autumn 1

# Glossary

Talk like a scientist

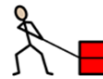


## Words you already know

push/pushing



Pull/pulling



Force

Gravity	Force of attraction of one object for another	
Air resistance	Air resistance is a kind of friction that occurs between air and another object.	
Water resistance	Water resistance is a type of force that uses friction to slow things down that are moving through water. It is often called drag	
Friction	Friction is the force resisting the movement of solid surfaces and materials sliding against each other.	
Moving surfaces	A force can be a push or a pull. We can make things move faster, slower or even stop if the size of the force changes.	
Mechanisms	Within a machine or machinery, a mechanism can be defined as any tool used to convert or control motion or transmit control or power.	
Levers	A simple machine which helps us to lift objects.	
Pulleys	A simple machine that makes it easier to lift or move a heavy object.	
Gears	A rotating part in a machine it has teeth cut around its circumference.	
Transfers	The conversion of one form of energy into another, or the movement of energy from one place to another.	