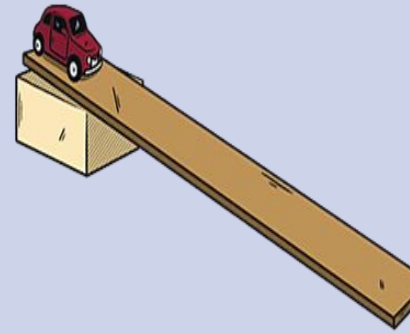


Vocabulary	Meaning
force	the push or pull on an object
twist	form into a bent, curling or distorted shape
squeeze	firmly press (something soft or bendy)
push/pull	put force on something to move closer to or away from oneself
prediction	making a sensible guess about what we think will happen
surface	the outside part or uppermost layer of something
observe	notice something and if it is significant
weight	how heavy an object is
speed	how fast something travels
direction	a course along which something is moving
result	something that comes about as an end
skid	slide on slippery ground or as a result of stopping or turning too quickly
opposite	completely different
friction	the action of one surface or object rubbing against each other
measure	to find the size or amount of something
magnet	material or object that produces a magnetic field

### Key knowledge – Forces are invisible



You can't see a force.

The toy car is placed at the top of a ramp. When you let go of the car, its weight makes it fall down the ramp. This is because the height of the ramp forces the heavy car downwards.

### Key knowledge – What is attracted to a magnet?



Materials are sometimes magnetic.

This means that when you place a magnet near it – it is attracted to the magnet. If it is magnetic, the magnet sticks to the object.

### There are different types of magnets

