

Name:

Date:

# Forces and Movement

Some keywords and descriptions you will need to know...

**FORCE** – A push, pull, twist or turn.

**DIRECTION** – The way something is moving.

**DISTANCE** – A measure of how far something moves.

**PREDICT** – To make a good guess what will happen.

There are many types of forces, such as;

**GRAVITY** – is the force by which a planet or other body draws objects towards its centre. Gravity is all around us.



**YOUR TURN** – *Get a ball and drop it. That's a perfect way to see the gravitational force.*

**FRICTION** – is a force that holds back the movement of a sliding object.

**YOUR TURN** – *rub both of your hands together, that is creating friction and will make your hands warm.*

*Try another – get a toy car and move it across the floor, again that's causing friction.*

**MAGNETIC** – is a force that pulls material together.

**YOUR TURN** – *get a magnet and place it on something metal, this then will pull the metal and stick to it.*

Did you try the experiments? YES / NO

Did they work? YES / NO

