

Name:

Date:

Forces and Motion

What is a force?

Forces are pushes and pulls in a particular direction. Forces are shown as arrows in diagrams; the bigger the arrow the bigger the force.

What is 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.*

What is 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.

What is a magnetic force? - 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

