## St Peter's Catholic Primary School

## What I should already know:

- how things move on different surfaces
- that some forces need contact between 2 objects, but magnetic forces can act at a distance
- how magnets attract or repel each other and attract some materials and not others
- how to compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials
- whether 2 magnets will attract or repel each other, depending on which poles are facing


## At the end of this topic, I will know:

- that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- the effects of air resistance, water resistance and friction, that act between moving surfaces
- that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect


| Year 5 Science | Vocabulary |  |
| :---: | :---: | :---: | :---: |
| Forces | Force | Pushes or pulls. |

