



Learning Module:
Forces – Year 3

Pupil outcomes as a result of this module

| <u>Knowledge</u> | National curriculum References |
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| <ul style="list-style-type: none"> • Describe magnets as having 2 poles. • To know that not all materials are attracted to magnets. • To know that not all metals are magnetic. | 6e |
| <p><u>Skills</u></p> <ul style="list-style-type: none"> • Compare how things move on different surfaces • 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 • Observe how magnets attract or repel each other and attract some materials and not others. • Asking relevant questions and using different types of scientific enquiries to answer them. • Setting up simple practical enquiries, comparative and fair tests. • Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers. • Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables. • Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions. | 6a 6d 6c 1a 1b 1c 1e 1g |
| <p><u>Understanding</u></p> <ul style="list-style-type: none"> • Notice that some forces need contact between 2 objects, but magnetic forces can act at a distance • Predict whether 2 magnets will attract or repel each other, depending on which poles are facing. | 6b 6f |