

# What do you know? Science Forces



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| Year 1   |
| Year 2   |
| Year 3   |
| I know about and describe how objects move on different surfaces.                                |
| I know how some forces require contact and some do not, giving examples.                         |
| I know about and explain how objects attract and repel in relation to objects and other magnets. |
| I predict whether objects will be magnetic and carry out an enquiry to test this out.            |
| I know how magnets work.   |
| I predict whether magnets will attract or repel and give a reason.                               |
| Year 4   |
| Year 5   |
| I know what gravity is and its impact on our lives.  |
| I identify and know the effect of air resistance.  |
| I identify and know the effect of water resistance.  |
| I identify and know the effect of friction.  |
| I explain how levers, pulleys and gears allow a smaller force to have a greater effect.          |
| Year 6   |