

Physics - Forces progression: Year 1 - Year 6

Year 1	Year 2	Year 3 Forces and Magnets	Year 4	Year 5 Forces	Year 6
		compare how things move on different surfaces (friction)		explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object	
		notice that some forces need contact between 2 objects, but magnetic forces can act at a distance		identify the effects of air resistance, water resistance and friction, that act between moving surfaces	
		observe how magnets attract or repel each other and attract some materials and not others		recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect	
		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			
		describe magnets as having 2 poles			
		predict whether 2 magnets will attract or repel each other, depending on which poles are facing			