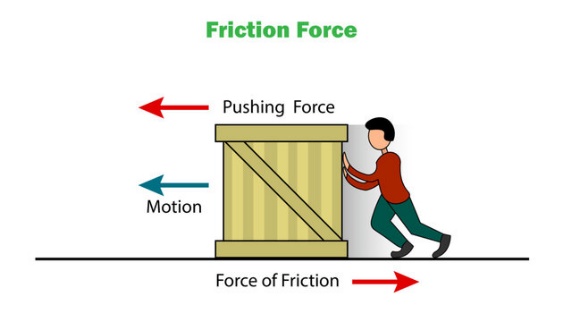
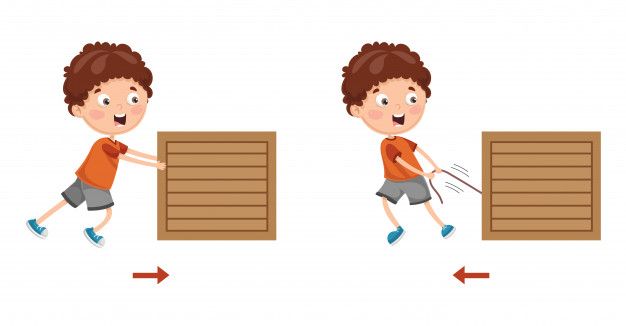
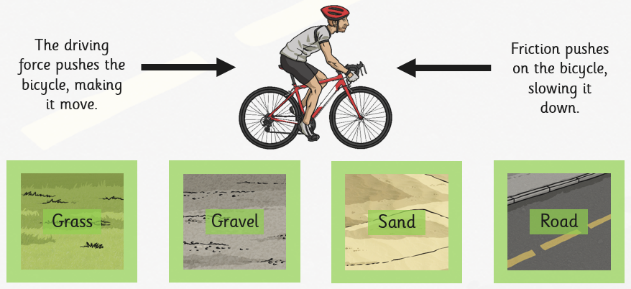
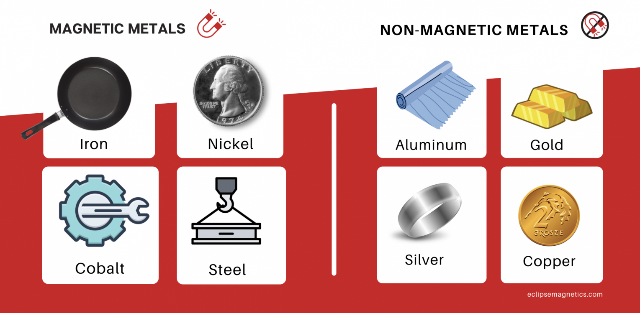
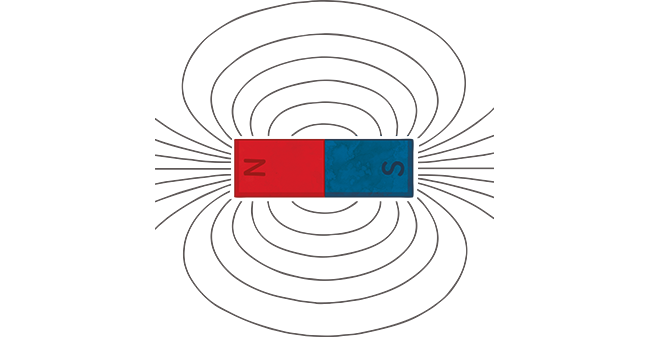
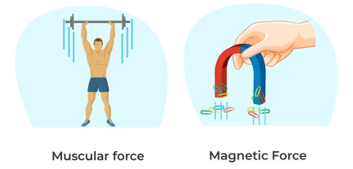
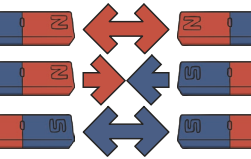
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| **Key Facts** |
| **Forces** change the motion of something. They will make it start to move, speed up, slow down or stop. |
| Different surfaces create different amounts of **friction**. |
| Rough surfaces create lots of friction. Moving objects slow down quickly on rough surfaces. |
| Smooth surfaces don’t create much friction. Moving objects don’t slow down much on smooth surfaces. |
| Most forces need contact between objects but **magnetic forces** can act from a distance – it is a **non-contact force**. |

**Year 3 – Summer 2 – Forces**









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| **Key Vocabulary** | | | |
| **Forces** | These are different types of **pushes** and **pulls**. | **Magnetic field** | An area around a magnet where objects are attracted to the magnet. |
| **Friction** | A force between two surfaces that are sliding or trying to slide across each other. | **Poles** | The different sides of a magnet. There is a North pole and a South pole. |
| **Surface** | The top layer of something. | **Repel** | To force something away. |
| **Magnet** | A rock or a piece of metal that can pull certain types of metal towards itself. | **Attract** | To force something together. |