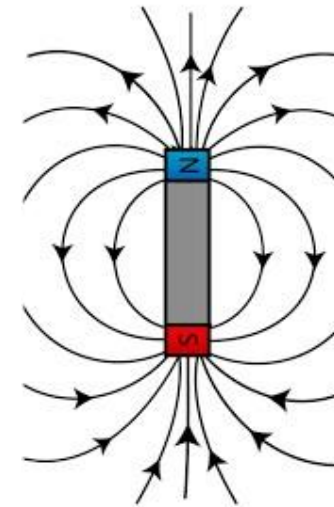



# Science Year 3 Knowledge Organiser

## Main Learning: Magnets and forces

Key knowledge
Know what we mean by a 'force'
Know how different surfaces speed things up or slows things down
Know what a pulley is and how it works
Know how magnets work

Vocabulary	
repel	Two (magnetic) poles which are the same will repel each other
attract	Two (magnetic) poles which are not the same will attract each other
Pole	There are two Poles on Earth a South Pole and North Pole
pulley	A collection of one or more wheels over which you loop a rope to make it easier to lift things
magnet	A material or object that creates a magnetic force
magnetism	Magnetism is a force that can be felt by metals such as iron, steel, nickel and cobalt.



	<p><b>Prior Knowledge –</b> Living things and their habitats, Animals including Humans, Teeth and digestion, electricity, Nutrition, muscles and skeleton.</p>	<p><b>Personal development</b> Making links to everyday items, ie fridge doors and forces that we experience. Links to geography and the points of the compass. Children are aware of different in science and technology for example aerodynamics.</p>
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