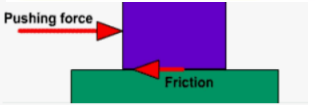
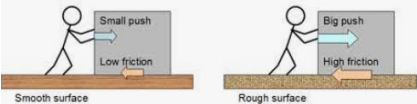
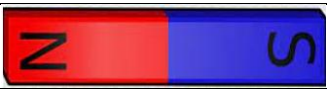


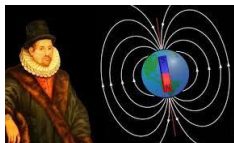
Year Three – Forces



Subject Specific Vocabulary	
force	A push or pull on an object.
friction	The action of one surface or object rubbing against another.
magnetic	Can be attracted by a magnet.
non-magnetic	Can not be attracted by a magnet.
attract	To pull towards something (a magnet).
repel	To push away from something (a magnet).
poles	The 2 ends of a magnet (called North and South) which either repel or attract.

	Sticky knowledge
	Objects move differently on different surfaces such as rough and smooth; they are slower on rough surfaces than smooth surfaces.
	Friction is a force that slows objects down and occurs when two surfaces move across each other.
	Rough surfaces create a lot of friction and smooth surfaces don't create much friction.
	Magnets have a north pole and a south pole.
	Magnets can attract or repel.
	Only metal objects are magnetic, but not all metal objects are magnetic.

Aspirational Scientist:

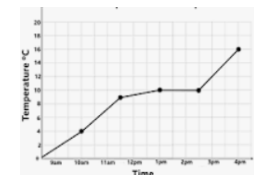


William Gilbert

He created the science of magnetism, and discovered that the Earth is a magnet. He also did lots of new work in electricity. For this he is celebrated by the physics community. He was the first to use a completely experimental method to support his new conclusions.

Working Scientifically

Observation



Recording