

Year 3: What materials are attracted to a magnet?

Subject Specific Vocabulary		Interesting Book		Sticky Knowledge about our rocks and magnets
friction	A force that acts between two surfaces or objects that are moving.		A Scientist just like me	
surface	The top layer of something			
magnet	An object that produces a magnetic force to pull certain objects towards it.		Karen Alpin	
magnetic	Objects that are attracted to a magnet are magnetic. Objects containing iron, nickel or cobalt are magnetic			
magnetic field	The area around a magnet which allows certain objects to be pulled towards it.	Important facts to know by the end of the Forces and Magnets topic:		
poles	North and South poles are found at different ends of a magnet	• Objects move differently on different surfaces. • Magnetic fields vary in size depending on the type of magnet. • Not all metallic objects are attracted to magnets • Different surfaces create different amounts of friction depending on the roughness of the surface and the force applied. • A force will change the motion of an object. • Magnets have two poles (North and South)		
repel	Repulsion is a force that pushes objects away. For example when a north pole of a magnet is placed near another north pole of a magnet, they push away from each other			
attract	Attraction is a force that pulls objects together. For example when a north pole of a magnet is placed near a south pole of a magnet the two poles attract (pull together)			
forces	Pushes or pulls			