1	Vocabulary	Magnets and their poles	Examples of Pushes and Pulls	
Attract	to pull towards		Examples of Fusiles and Fulls	
Contact	when objects touch	S N S N	Push	
Different	not the same	<b>Same poles repel</b> If you try to put two magnets together with		
Distance	the length between two objects	the same poles pointing towards one another, the magnets will push away from each other. We say they repel each other.		
Force	a push or pull that acts upon an object that can cause it to move, change shape or change direction	<b>Different poles attract</b> If you put two magnets together with different poles pointing towards one another,		
Friction	the force that acts upon one surface when it moves against another	the magnets will pull towards each other. We say they attract each other		
Magnet	a piece of iron that attracts and repels			
Magnetic	when a magnet pulls objects	Magnets	Forces	
Force	towards it or pushes objects	•	A force is a push or pull that acts upon an object.	
	away.	South South North	We can't see forces, but they are an important	
Magnetic	each end of the magnet where	magnetic pole. magnetic pole.	part of our everyday lives.	
Pole	the force is the strongest	Maanata ana ugually mada from iron. They can	We push and pull objects to do many different	
Pull	to move something towards	Magnets are usually made from iron. They can attract and repel other objects with their	things. When we push or pull objects we can move	
Push	to move something away	magnetic forces. Magnetic forces act at a	the object, change the shape of the object or mak	
Repel	to push away	distance meaning that a magnet does not need	the object change direction.	
Same	identical, not different	to be in contact with another object for the		
Fantastic Force Facts!		magnetic forces to act. Magnets can be lots of	Examples of Magnetic Objects	
All forces	s are really just a push or a pull.	different shapes, sizes and colours, but they		
<ul> <li>Magnetism is a type of force. A magnet might pull an object towards it or push it away.</li> <li>Not all metals are magnetic!</li> <li>Sir Issac Newton was one of the first scientists to study forces.</li> </ul>		will always have a north and south magnetic pole.	iron nails steel spoon steel paperclip	