Farnh	orough Primary School	Science: Why do some materials attract and not others	?
		ge Organiser – Forces and Magnets (Science Year 3)	
Key Vocabulary	Definition	Friction is the force which acts in the direction opposite to the motion.	Examples of contact force
Force	A push or a pull.	Motion	Applied force Tension (pull)
Contact force	A force where objects need to touch each other to push	Friction	Friction
Non-contact	or pull. A force where objects do		Air resistance
force	not have to touch each other to push or pull.		Water resistance
Magnetic	A force between magnets.	Friction always slows a moving object	
force Magnet	A material that produces a magnetic field.	down.	Examples of non-contact force
Attract	To pull together.		Gravity Magnetic force
Repel	To push away.		Static Electricity
Magnetic pole	Where the magnetic field is strongest.	The force needed to move the car is greater on rough surfaces (so it is harder to move). Less force is needed to move the car on smooth surfaces (it is easier to move).	

