

FORCES	Pupil RAG	
	Before	After
To be emerging I must show...		
I can compare how things move on different surfaces		
I can describe forces as pushes and pulls		
To be developing I must show...		
I can state some forces that need contact between two objects		
I can show that magnetic forces can act at a distance		
I can state what happens when an object is dropped		
To be secure I must show...		
I can describe the effects of simple forces that involve contact (air resistance, friction).		
I can describe the effects of simple forces that act at a distance (magnets and gravity).		
I can identify simple mechanisms, including levers, gears and pulleys that increase the effect of a force.		
To be mastering I must show...		
I can use force arrows in diagrams to show balanced and unbalanced forces		
I can explain forces and their associated effects: deforming objects, stretching and squashing-springs, bending, twisting and moving objects out of the way		
I can explain that forces are needed to cause an object to stop or start moving, or to change their speed or direction of motion		