

Science KS3 Assessment Framework

	Beginning Grade 1	Working Towards Grade 2-3	Expected Grade 4-5	Exceeding Grade 6-7	Excelling Grade 8-9
Forces & Pressure	<p>I can:</p> <p>Name some examples of contact forces</p> <p>Realise that inert objects around us produce a reaction force when we touch them</p> <p>Identify the pivot in simple situations</p>	<p>I can:</p> <p>Sketch diagrams to show contact forces acting on objects</p> <p>Describe what forces can do to objects</p> <p>Describe a moment as the turning effect of a force</p>	<p>I can:</p> <p>Describe the effect of, and how to reduce, drag forces on objects</p> <p>Accurately collect and interpret data to show Hooke's Law</p> <p>Calculate moments and deduce the law of moments for objects in equilibrium</p>	<p>I can:</p> <p>Use ideas about particles to explain why drag forces affect motion</p> <p>Explain why objects produce a reaction force</p> <p>Balance see-saws with multiple clockwise or anticlockwise moments</p>	<p>I can:</p> <p>Use ideas about resultant force to explain why streamlining and lubrication affect the motion of objects</p> <p>Use force-extension graphs to illustrate proportional and non-linear relationships</p> <p>Use ideas about moments and centre of gravity to explain why objects may or may not fall over</p>