



Assessment grid			
Subject: Science		Year: 7	Topic/module: Forces
KS4 target direction	4	6	8(9)
Advanced	Enrichment/extension – reaching, or part of, next pathway → Features of work may include:	Enrichment/extension – reaching, or part of, next pathway → Features of work may include:	Enrichment/extension Features of work may include:
Secure <i>Students must achieve competence in all statements before being judged 'Secure'</i>	Secure The student can: <ul style="list-style-type: none"> Identify some forces acting on objects in everyday situations Identify an interaction pair State an example of a force deforming an object. Recognise a support force Use Hooke's Law to identify proportional stretching Identify examples of drag forces and friction State that gravity changes with distance. Identify when the speed or direction of motion of an object changes 	Secure The student can: <ul style="list-style-type: none"> Describe what is meant by an interaction pair Describe how forces deform objects Explain how solid surfaces provide a support forces. Use Hooke's Law to predict the extension of a spring Explain why drag forces and friction arise Describe the effect of gravitational forces on Earth and in space Describe situations that are in equilibrium Explain why the speed or direction of motion of objects can change 	Secure The student can: <ul style="list-style-type: none"> Explain the difference between contact and non-contact forces Apply Hooke's Law to make quantitative predictions with unfamiliar materials Explain the effect of drag forces and friction in terms of forces Apply the effects of forces at a distance to different fields. Describe a range of situations that are in equilibrium Explain why the speed or direction of motion of objects can change using force arrows
Developing	Mostly secure – one or more gaps For example:	Mostly secure – one or more gaps For example:	Mostly secure – one or more gaps For example:
Beginning	Significant gaps	Significant gaps	Significant gaps