



# Student Cycle Overview

*Excellence.  
No Excuses.*

The subject content for this achievement cycle is shown below.

At the end of the achievement cycle there will be an **assessment** of this material.

You should keep an organised file of notes to help you revise and prepare.

Achievement Cycle 1	Science	Year 8	Tiers 1/2/3/4
Code	Description		Revised?
S8.1.1	Forces and force diagrams		
S8.1.2	Force diagrams, resultant forces and motion		
S8.1.3	Mass vs weight		
S8.1.4	Weight = mass x gravity force		
S8.1.5	Gravity		
S8.1.6	Average and instantaneous speed		
S8.1.7	Relative motion		
S8.1.8	Speed = distance / time		
S8.1.9	Distance – time graphs		
S8.1.10	Speed – time graphs		
S8.1.11	Turning forces (moments)		
S8.1.12	Turning force calculations		
S8.1.13	Hooke's Law		
S8.1.14	Multi – stage problem solving		



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<b>Achievement Cycle 1</b>	<b>Science</b>	<b>Year 8</b>	<b>Tiers 5/6</b>
<b>Code</b>	<b>Description</b>	<b>Revised?</b>	
S8.1.1	Forces and force diagrams		
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