



# 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.

<b>Achievement Cycle 1</b>	<b>Science</b>	<b>Year 7</b>	<b>Tiers 1/2/3/4</b>
Code	Description		Revised?
S7.1.1	Particle model and properties of solid, liquid and gases		
S7.1.2	Brownian motion of gas		
S7.1.3	Diffusion		
S7.1.4	Gas pressure		
S7.1.5	Pressure and volume		
S7.1.6	Density of regular and irregular shapes		
S7.1.7	Changing state		
S7.1.8	Cooling curves		
S7.1.9	What are atoms, elements and compounds		
S7.1.10	Simple atomic model and subatomic particles		
S7.1.11	Chemical symbols and molecular formula		
S7.1.12	The difference between chemical and physical changes		
S7.1.13	Conservation of mass		
S7.1.14	Making solutions and Separation methods		



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<b>Achievement Cycle 1</b>	<b>Science</b>	<b>Year 7</b>	<b>Tiers 5/6</b>
Code	Description		Revised?
S7.1.1	Particle model and properties of solid, liquid and gases		
S7.1.2	Brownian motion of gas		
S7.1.3	Diffusion		
S7.1.4	Gas pressure		
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S7.1.8	Cooling curves		
S7.1.9	What are atoms, elements and compounds		
S7.1.10	Simple atomic model		
S7.1.12	The difference between chemical and physical changes		
S7.1.13	Conservation of mass		
S7.1.14	Making solutions and Separation methods		