

### Science KS3 Assessment Framework

	Beginning Grade 1	Working Towards Grade 2-3	Expected Grade 4-5	Exceeding Grade 6-7	Excelling Grade 8-9
<b>States of Matter &amp; Separation Techniques</b>	I can:  Name four common substances that are mixtures  State the properties of a pure substance	I can:  Describe solutions using keywords  Describe what dissolving is  List the stages involved in filtering	I can:  Explain why we need to separate mixtures  Explain how substances dissolve using the particle model  Perform an experiment showing that solubility changes with temperature  Describe how chromatography is used to separate mixtures  Correctly identify the residue and filtrate	I can:  Explain how to use melting temperature to identify pure substances  Explain why solubility changes with temperature  Interpret a chromatogram  Explain how we can get pure water from seawater	I can:  Explain how to separate solids from a liquid using filtration  Calculate the percentage mass  Explain how chromatography works