

Stage outcomes/core content tracking sheet - Year .....

Stage 4 syllabus outcomes		Core content							
<b>P</b> <b>F</b> <b>A</b>	4.1 identifies historical examples of how scientific knowledge has changed people's understanding of the world	a b c d e f							
	4.2 uses examples to illustrate how models, theories and laws contribute to an understanding of phenomena	a b c d e f g							
	4.3 identifies areas of everyday life that have been affected by scientific developments	a b c d							
	4.4 identifies choices made by people with regard to scientific developments	a b c d e							
	4.5 describes areas of current scientific research	a b c d							
<b>K</b> <b>/</b> <b>U</b>	4.6 identifies and describes energy changes and the action of forces in common situations	1abcd 2ab 3ab 4a 5ab 6ab 7ab 8abc 9ab 10a							
	4.7 describes observed properties of substances using scientific models and theories	1abcd 2abcd 3ab 4ab 5abcd 6abc							
	4.8 describes features living things	1abcd 2abc 3ab 4abcde 5ab							
	4.9 describes the dynamic structure of Earth and its relationship to other parts of our solar system and universe	1abcd 2ab 3a 4ab 5ab 6abcd							
	4.10 identifies the factors affecting survival of organisms in an ecosystem	a b c d e							
	4.11 identifies resources used by humans and where they are found, and describes ways in which they are exploited	a b c d							
	4.12 identify, using examples, common simple devices and explains why they are used	a b							
<b>S</b> <b>K</b> <b>I</b> <b>L</b> <b>L</b> <b>S</b>	4.13 clarifies the purpose of an investigation and, with guidance, produces a plan to investigate a problem	1abcdefg 2abcd 3abc							
	4.14 follows a sequence of instructions to undertake a first hand investigation	a b c d e f							
	4.15 uses given criteria to gather first hand data	a b							
	4.16 accesses information from identified secondary sources	a b c d							
	4.17 evaluates the relevance of data and information	a b c d e f g							
	4.18 with guidance, presents information to an audience to achieve a particular outcome	a b c d e f							
	4.19 draws conclusions based on the information available	a b c d e f g							
	4.20 uses an identified strategy to solve problems	a b c d							
	4.21 uses creativity and imagination to suggest plausible solutions to familiar problems	a b c d e f							
	4.22 undertakes a variety of team and individual tasks with guidance	1a b c d 2a b c d e f g h							
<b>V</b> <b>/</b> <b>A</b>	4.23 demonstrates confidence and a willingness to make decisions and to take responsible actions	a b c d							
	4.24 respects different view points and is honest and fair in dealing with others	a b c d e f							
	4.25 recognises the relevance and importance of life long learning	a b c							
	4.26 recognises the role of science in providing information about issues being considered and in increasing understanding of the world around them	a b c d e f							
	4.27 acknowledges their responsibility to conserve, protect and maintain the environment for future generations	a b							