

Stage outcomes/core content tracking sheet - Year

Stage 5 syllabus outcomes		Core content							
P F A	5.1 explains how social factors influence the development and acceptance of scientific ideas.	a b c d e f							
	5.2 describes the processes that are applied to test and validate models, theories and laws.	a b c d e f g							
	5.3 evaluates that impact of applications of science on society and the environment.	a b c d							
	5.4 discuss evidence supporting different viewpoints.	a b c d e							
	5.5 analyses how current research might affect people's lives.	a b c d							
K / U	5.6 applies basic physical models, theories and laws to situations. involving energy, force and motion.	1abc 2abcd 3abcd 4a 5ab 6ab							
	5.7 relates properties of elements, compounds and mixtures to scientific models, theories and laws.	1abcd 2ab 3abcdef							
	5.8 relates the structure and function of living things to models, theories and laws.	1abc 2abcde 3ab 4abc							
	5.9 relates the development of the universe and the dynamic structure of Earth to models, theories and laws and the influence of time.	1abc 2a 3ab 4abcdef							
	5.10 assesses human impacts on the interaction of biotic and abiotic features of the environment	a b c d							
	5.11 analyses the impact of human resource use on the biosphere to evaluate methods of conserving, protecting and maintaining Earth's resources.	1a b 2a b							
	5.12 describes scientific principles underlying some common technologies.	a b c d e f g							
S K I L S	5.13 identifies a problem and independently produces an appropriate investigation plan.	1abcdefg 2abcd 3abc							
	5.14 undertakes first-hand investigations independently with safety and competence	a b c d e f							
	5.15 gathers first-hand data accurately	a b							
	5.16 access information from a wide variety of secondary sources	a b c d							
	5.17explains trends, patterns and relationships in data and/or information from a variety of sources	a b c d e f g							
	5.18 selects and uses appropriate forms of communication to present information to an audience.	a b c d e f							
	5.19 uses critical thinking skills in evaluating information and drawing conclusions	a b c d e f g							
	5.20 selects and uses appropriate strategies to solve problems	a b c d							
	5.21 uses creativity and imagination in the analysis of problems and the development of possible solutions.	a b c d e f							
	5.22 independently plans, implements and evaluates the effectiveness of a variety of tasks as an individual and as a team member.	1a b c d 2a b c d e f g h							
V / A	5.23 demonstrates confidence and a willingness to make decisions and to take responsible actions	a b c d							
	5.24 respects different viewpoints and is honest and fair in dealing with others	a b c d e f							
	5.25recognises the relevance and importance of lifelong learning	a b c							
	5.26 recognises the role of science in providing information about issues being considered and in increasing an understanding of the world around them	a b c d e f							
	5.27 acknowledges their responsibility to conserve, protect and maintain the environment for future generations	a b							