



ASSESSMENT OUTLINE
INTEGRATED SCIENCE GENERAL YEAR 11: 2022
UNIT 1: BIODIVERSITY AND UNIT 2: VEHICLES AND FUELS



| Assessment type | Assessment type weighting | Assessment task weighting | Due Date | Assessment Task | Syllabus content |
|-----------------|---------------------------|---------------------------|---------------|--|--|
| Science Inquiry | 50% | 7.5% | Term 1 Week 4 | Task 2: Microscope Practical Assessment | <ul style="list-style-type: none"> ● Science Inquiry Skills ● Science as a Human Endeavour |
| | | 10% | Term 1 Week 7 | Task 3: Factors Affecting Yoghurt Production Investigation | <ul style="list-style-type: none"> ● Science Inquiry Skills ● Structure and Function of Biological Systems |
| | | 7.5% | Term 1 Week 9 | Task 4: Factors Affecting Fermentation in Yeast Investigation | <ul style="list-style-type: none"> ● Science Inquiry Skills |
| | | 8% | Term 3 Week 1 | Task 6: Friction Practical Design an investigation to show the relationship between the Friction forces and road surfaces. | <ul style="list-style-type: none"> ● Motion and forces ● Science Inquiry Skills |
| | | 9% | Term 3 Week 5 | Task 7: Vehicle Safety Design and build a package to enable an egg to survive a fall from a balcony onto a hard surface. | <ul style="list-style-type: none"> ● Motion and forces ● Science Inquiry Skills |
| | | 8% | Term 3 Week 8 | Task 8: Energy Content of Fuels Practical Investigate the energy content of two different fuels. | <ul style="list-style-type: none"> ● Chemical Reactions ● Science Inquiry Skills |



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| Extended Response | 30% | 15% | Term 1 Week 2 | Task 1: Extended Response Biotechnology Research Task | <ul style="list-style-type: none">● Science Inquiry Skills● Science as a Human Endeavour |
| | | 15% | Term 3 Week 10 | Task 9: Research – Reducing Road deaths | <ul style="list-style-type: none">● Science Inquiry Skills● Science as a Human Endeavour |
| Test | 20% | 10% | Term 2 Week 5 | Task 5: Microbiology and Biotechnology Test | <ul style="list-style-type: none">● Earth Systems/Cycles in Nature● Ecosystems and Sustainability● Structure and Function of Biological Systems● Species Continuity and Change |
| | | 10% | Term 4 Week 4 | Task 10: Vehicle and Fuels Test | <ul style="list-style-type: none">● Motion and forces● Chemical Reactions● Energy, Motion and Forces |
| Total | 100% | 100% | | | |