

INVESTIGATING SCIENCE

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
36	Task 1	Module 5: Scientific Investigation Data Analysis and Skill Application Task: Components of investigations INS12-2, INS12-4, INS12-6, INS12-12	\$ 25	
37	Task 2	Module 6: Technologies Practical Task: Pressure and temperature on volume of gas INS12-2, INS12-3, INS12-5, INS12-13	\$ 25	
38	Task 3	Module 7: Fact or Fallacy? Practical Task: Testing a claim – salt content in potato chips INS12-4, INS12-5, INS12-14	\$ 25	
39	Task 4	Module 8: Science and Society. Depth Study: Antimicrobial drugs (Antibiotics) INS12-1, INS12-5, INS12-7, INS12-15	\$ 30	
40	Task 5	TRIAL EXAMINATION. Four modules. 3 hour paper. NEW	\$ 105	
YEAR 11 ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
41	Task 1	Module 1: Cause and Effect – Observing Depth Study: Research on How Aboriginal and Torres Strait Islander Peoples use observation to manage their natural environment. INS 11-3, 11-7	\$ 30	
42	Task 2	Module 4: Theories and Laws Practical Task and data analysis: based on Ohm's Law. INS 11-3, 11-4, 11-6	\$ 25	
43	Task 3	END OF YEAR EXAMINATION. Four modules. 2 hour paper. NEW	\$ 75	
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Examinations and non-exam tasks:

- are delivered by email
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- are **high quality** products
- have **sample answers** and clear marking guidelines.

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Release dates

Non-exam Assessment Tasks

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Note: Embargo period operates until Sept. 2 (HSC), Sept. 9 (Yr11).

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QATs

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BIOLOGY

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
1	Task 1	Module 5: Heredity Data Collection and Processing: Research and gather data on traits that show different inheritance patterns. BIO12-4, 12-5, 12-6, 12-12	\$ 25	
2	Task 2	Module 6: Genetic Change Depth Study: Complete a scaffolded inquiry into a named genetic technology that will feature a video modelling the process involved. In class test included. BIO12-1, 12-4, 12-6, 12-7, 12-13	\$ 30	
3	Task 3	Module 7: Infectious Disease Research task: Focus on controlling the spread of an infectious disease. Research one outbreak and then analyse the various procedures that were used to prevent the spread. BIO12-2, 12-3, 12-4, 12-14	\$ 25	
4	Task 4	Module 8: Non-infectious Disease Class Test: Focus here will be on Inquiry Question 2 – which category of disease causes the most deaths? Analysis of various pieces of data. BIO12-5, 12-6, 12-7, 12-15	\$ 25	
5	Task 5	TRIAL EXAMINATION. Four modules. 3 hour paper. NEW	\$ 105	
YEAR 11 ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
6	Task 1	Module 2: Organisation of Things Data analysis: Students analyse diagrams, tabulated and graphical data to draw valid conclusions. BIO11-4, BIO11-5, BIO11-9	\$ 25	
7	Task 2	Module 4: Ecosystem Dynamics Depth Study - Research Task: Students will investigate a particular ecosystem and the relationships within it and communicate the information in Powerpoint style presentation. BIO11-3, BIO11-5, BIO11-7, BIO11-11	\$ 25	
8	Task 3	END OF YEAR EXAMINATION. Four modules. 2 hour paper. NEW	\$ 75	
SUBTOTAL A \$				

SCIENCE PAST EXAMINATIONS - HSC and YEAR 11 - 2021

Item	Code	Task	Price (\$)	Order (✓)
9	TRBIO21	2021 HSC Trial Biology	\$ 40	
10	YR11BIO21	2021 Year 11 Biology	\$ 25	
11	TRCHEM21	2021 HSC Trial Chemistry	\$ 40	
12	YR11CHEM21	2021 Year 11 Chemistry	\$ 25	
13	TRIS21	2021 HSC Trial Investigating Science	\$ 40	
14	YR11IS21	2021 Year 11 Investigation Science	\$ 25	
15	TRPH21	2021 HSC Trial Physics	\$ 40	
16	YR11PH21	2021 Year 11 Physics	\$ 25	

SUBTOTAL B \$

PHYSICS

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
17	Task 1	Module 5: Advanced Mechanics. Depth Study: Projectile Motion Practical PH12-1, PH12-2, PHY12-3, PH12-4, PH12-5, PH12-6, PH12-7, 12-12	\$ 30	
18	Task 2	Module 6: Electromagnetism. Data Analysis: Electromagnetic induction PH12-4, PH12-5, PH12-6, 12-13	\$ 25	
19	Task 3	Module 7: The Nature of Light. Research: Determining the speed of light PH12-3, PH12-4, PH12-7, 12-14	\$ 25	
20	Task 4	Module 8: From the Universe to the Atom. Depth Study: Photoelectric effect PH12-1, PH12-2, PHY12-3, PH12-4, PH12-5, PH12-6, PH12-7, 12-14	\$ 25	
21	Task 5	TRIAL EXAMINATION. Four modules. 3 hour paper. NEW	\$ 105	
YEAR 11 ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
22	Task 1A	Module 1: Kinematics. Video analysis 1: Capture real data for two vehicles moving in different directions. Analyse the motion of the two vehicles to determine the motion of one vehicle relative to the other. PH11-2, PH11-3, PH11-4, PH11-5, PH11-7, 11-8	\$ 25	
23	Task 1B	Module 2: Dynamics. Video analysis (B): Watch a video and use the information from the video to discuss how an understanding of the dynamics of collisions has impacted on the development of safety devices in motor vehicles. PH11-2, PH11-3, PH11-4, PH11-5, PH11-7, 11-9	\$ 25	
24	Task 2	Module 3: Waves and Thermodynamics. Practical: Estimate the temperature of a flame using calorimetry. PH11-1, PH11-2, PH11-3, PH11-4, PH11-5, PH11-6, PH11-7, PH11-9, PH11-10	\$ 25	
25	Task 3	Module 4: Electricity and Magnetism. Depth study (Research based): Produce an annotated 3-dimensional model that explains how Robert Millikan discovered the value of the charge on an electron. PH11-4, PH11-5, P H11-7, PH11-11	\$ 25	
26	Task 4	END OF YEAR EXAMINATION. Four modules. 2 hour paper. NEW	\$ 75	
SUBTOTAL C \$				

CHEMISTRY

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
27	Task 1	Module 5: Equilibrium and Acid Reactions. Data Analysis Task: Equilibrium Reactions CH12-4, CH12-5, CH12-6, CH12-12	\$ 25	
28	Task 2	Module 6: Acid/base reactions. Practical Task: Neutralisation Reactions CH12-2, C12-3, CH12-5, CH12-13	\$ 25	
29	Task 3	Module 7: Organic Chemistry. Depth Study: Fermentation CHE12-1, CH12-6, CH12-7, CH12-14	\$ 30	
30	Task 4	Module 8: Applying Chemical Ideas. Research task with in-class component: Industrial processes. CH12-3, CH12-4, CH12-7, CH12-15	\$ 25	
31	Task 5	TRIAL EXAMINATION. Four modules. 3 hour paper. NEW	\$ 105	
YEAR 11 ASSESSMENT TASKS - Non-exam tasks pub. 2021. Exams NEW for 2022.				
32	Task 1	Module 1: Properties and Structure of Matter. Data Analysis: based on Working Scientifically skills. CH11-1 to 11-5, 11-7, 11-8	\$ 25	
33	Task 2	Module 2: Introduction to Quantitative Chemistry. Practical Task: Students will plan, choose equipment, perform a first-hand investigation, and write a report. CH11-3, 11-4, 11-6, 11-9	\$ 25	
34	Task 3	Module 3: Reactive Chemistry. Depth Study and oral presentation: Students will carry out a research task on a specific question a develop a 5 minutes oral presentation accompanied by written submission to clarify content. CH11-1, 11-4 to 7, 11-10	\$ 30	
35	Task 4	END OF YEAR EXAMINATION. Four modules. 2 hour paper. NEW	\$ 75	
SUBTOTAL D \$				

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