

INVESTIGATING SCIENCE

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - ALL NEW FOR 2021				
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 ALL NEW 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.	\$ 95	
YEAR 11 ASSESSMENT TASKS - ALL NEW FOR 2021				
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. ALL NEW INS 11-3, 11-4, 11-6	\$ 25	
43	Task 3	END OF YEAR EXAMINATION. Four modules. 2 hour paper.	\$ 65	
Transfer total to the order form below. Prices include GST.			SUBTOTAL E \$	

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THIS FORM CAN BE FREEFAXED TO 1800 445 843

Disclaimer. Every effort has been made to prepare QATs in accordance with New South Wales Education Standards Authority (NESA) documents. No guarantee or warranty is made or implied that the tasks mirror in every respect the actual assessment requirements in any or all courses to be examined. These tasks do not constitute 'advice', nor can they be construed as authoritative interpretations of Board of Studies intentions. No liability for any reliance, use or purpose related to the QATs is taken. Advice on assessment issues is only to be obtained from the Board of Studies. QATs do not accept any responsibility for accuracy of results once modified.

Examinations and assessment tasks:

- are delivered by email
- are fully editable
- are reliable, accurate and reflect all current course requirements
- contain structures that reflect desired outcomes and marking bands
- are huge **time-savers**
- are **high quality** products
- have **sample answers** and clear marking guidelines.

QATs are an initiative of Curriculum Australia

Release dates

Non-exam Assessment Tasks
Available from 15 October, 2020

Trial / Year 11 Exams
Available Monday, June 21, 2021

Note: Embargo period operates until August 27 (HSC), Sept. 5 (Yr11).

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QATs

Quality Assessment Tasks

**Your complete
Science needs for**

- **Biology**
- **Physics**
- **Chemistry**
- **Investigating Science**

- **HSC Trial Exams**
- **Year 11 Exams**
- **Assessment Tasks (Non-Exam)**

QATs

2021

**Your Complete
Assessment Needs**

BIOLOGY

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - ALL NEW FOR 2021				
1	Task 1	Module 5: Heredity Data Collection and Processing: Research and gather data on traits that show different inheritance patterns. Mini quiz at the end. 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.	\$ 95	
YEAR 11 ASSESSMENT TASKS - ALL NEW FOR 2021				
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.	\$ 65	
SUBTOTAL A \$				

SCIENCE PAST EXAMINATIONS - HSC and YEAR II - 2020

Item	Code	Task	Price (\$)	Order (✓)
9	TRBIO20	2020 HSC Trial Biology	\$ 40	
10	YR11BIO20	2020 Year 11 Biology	\$ 25	
11	TRCHEM20	2020 HSC Trial Chemistry	\$ 40	
12	YR11CHEM20	2020 Year 11 Chemistry	\$ 25	
13	TRIS20	2020 HSC Trial Investigating Science	\$ 40	
14	YR11IS20	2020 Year 11 Investigation Science	\$ 25	
15	TRPH20	2020 HSC Trial Physics	\$ 40	
16	YR11PH20	2020 Year 11 Physics	\$ 25	
SUBTOTAL B \$				

PHYSICS

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - ALL NEW FOR 2021				
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	\$ 95	
YEAR 11 ASSESSMENT TASKS - ALL NEW FOR 2021				
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.	\$ 65	
SUBTOTAL C \$				

CHEMISTRY

Item	Code	Task	Price (\$)	Order (✓)
HSC ASSESSMENT TASKS - ALL NEW FOR 2021				
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.	\$ 95	
YEAR 11 ASSESSMENT TASKS - ALL NEW FOR 2021				
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.	\$ 65	
SUBTOTAL D \$				