

## Examinations: Trial and Year II

- Examinations follow all NSW Education Standards Authority (NESA) requirements and contain instructions, mapping grids, marking guidelines and sample answers.
- Half-Year and Trial examinations are distributed by email.
- Examinations are subject to embargo: **Trial:** 22 June to Friday 28 August 2021; **Year 11:** Friday 3 September 2021.
- QAT examinations and assessment tasks are designed to be modified/edited as required.
- Past exam papers are also available for student revision and practice.

## Assessment Tasks

- Each Assessment Task directly relates to specific course requirements (including outcomes, components and task types). Each task is largely self-contained for immediate use with students. All fully editable.
- Clear instructions, source material and questions together with **solutions** for marking the task are provided.
- Tasks are distributed by email.

Please visit the QATs website at [www.qats.com.au](http://www.qats.com.au) for writers' details.

**Not for use by private tutors.**

**Freecall** 1800 445 963  
**Freefax** 1800 445 843  
**Phone** (03) 9428 2944  
**Fax** (03) 9428 5111  
**Web** [www.qats.com.au](http://www.qats.com.au)  
**Email** [admin@qats.com.au](mailto:admin@qats.com.au)  
**Postal** GPO Box 736  
Sydney, NSW 2001

Order form / Tax invoice

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**Total amount due (transfer from subtotals): \$** \_\_\_\_\_

- School cheque** (payable to QATs) enclosed;  
 or **School Order Number:** \_\_\_\_\_

### 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 now

**Trial/Year 11**

Available week beginning  
Monday, 21 June 2021

**Note: Embargo period applies**

# QATs

## Quality Assessment Tasks

**Your complete Mathematics needs for**

- **Maths Extension I**
- **Mathematics Advanced**
- **Maths Standard**

- **HSC Trial Exams**
- **Year II Exams**
- **HSC & Year II Assessment Tasks (Non-exam)** **FIRST TIME OFFERED**
- **HSC & Year II Past Papers**

# QATs 2021

**Your Complete Assessment Needs**

# Mathematics 2021

## All new non-exam and exam tasks

### MATHEMATICS ADVANCED

Item	Code	Task	Price (\$)	Order (✓)
<b>HSC ASSESSMENT TASKS - ALL NEW FOR 2021</b>				
1	Task 1	<b>Assignment and Topic Test</b> (50 mins): Graphing Functions (including Trigonometric Functions) MA-F2, MA-T3	\$ 25	
2	Task 2	<b>Investigation:</b> Descriptive Statistics and Bivariate Data Analysis. MA-S2	\$ 25	
3	Task 3	<b>Topic Test</b> (50 mins): Calculus MA-C2, MA-C3, MA-C4	\$ 25	
4	Task 4	<b>TRIAL EXAMINATION.</b> 3 hour paper. Whole course.	\$ 95	
<b>YEAR 11 ASSESSMENT TASKS - ALL NEW FOR 2021</b>				
5	Task 1	<b>Presentation:</b> MA-F1 - Working with Functions MA11-1, MA11-2, MA11-8, MA11-9	\$ 25	
6	Task 2	<b>Investigation:</b> MA-C1 - Introduction to Differentiation MA11-1, MA11-5, MA11-8, MA11-9	\$ 25	
7	Task 3	<b>END OF YEAR EXAMINATION.</b> 2 hours. Whole course.	\$ 65	
<b>SUBTOTAL A \$</b>				

**ALL NEW**

### MATHS EXTENSION 1

Item	Code	Task	Price (\$)	Order (✓)
<b>HSC ASSESSMENT TASKS - ALL NEW FOR 2021</b>				
8	Task 1	<b>Assignment:</b> Vector applications to real-world problems ME-V1 - Introduction to Vectors ME12-2, ME12-6, ME12-7	\$ 25	
9	Task 2	<b>In-class assessment test</b> ME-P1 - Proof by Mathematical Induction ME-T3 - Trigonometric Equations ME12-3, ME12-6, ME12-7	\$ 25	
10	Task 3	<b>In-class assessment test</b> ME-C2 - Further Calculus Skills ME-C3 - Applications of Calculus ME12-4, ME12-6, ME12-7	\$ 25	
11	Task 4	<b>TRIAL EXAMINATION.</b> 2 hour paper. Whole course.	\$ 95	
<b>YEAR 11 ASSESSMENT TASKS - ALL NEW FOR 2021</b>				
12	Task 1	<b>TRIAL EXAMINATION.</b> 2 hour paper. Whole course.	\$ 65	
<b>SUBTOTAL B \$</b>				

**ALL NEW**

#### WRITING PANELS

All examinations and non-exam tasks are prepared by panels of practising teachers who are highly qualified and experienced. All tasks undergo an extensive review and evaluation process before being published.

### MATHS STANDARD 2

Item	Code	Task	Price (\$)	Order (✓)
<b>HSC ASSESSMENT TASKS - ALL NEW FOR 2021</b>				
13	Task 1	<b>Field Survey</b> MS-M6 - Non-right-angled Trigonometry MS-M7 - Rates and Ratios MS2-12-3, MS2-12-4, MS-12-9, MS2-12-10	\$ 25	
14	Task 2	<b>Investigation</b> MS-F4 - Investments and Loans MS-F5 - Annuities MS2-12-5, MS2-12-9, MS-12-9, MS2-12-10	\$ 25	
15	Task 3	<b>Research Task</b> MS-S4 Bivariate Data Analysis MS-S5 The Normal Distribution MS2-12-2, MS2-12-7, MS-12-9, MS2-12-10	\$ 25	
16	Task 4	<b>TRIAL EXAMINATION.</b> 2.5 hour paper. Whole course.	\$ 95	
<b>YEAR 11 ASSESSMENT TASKS - ALL NEW FOR 2021</b>				
17	Task 1	<b>Research Task</b> MS-F1 - Money Matters MS11-2, MS11-5, MS11-6, MS11-9, MS11-10.	\$ 25	
18	Task 2	<b>Research Task</b> MS-S1 - Data Analysis MS11-2, MS11-7, MS11-9, MS11-10	\$ 25	
19	Task 3	<b>TRIAL EXAMINATION.</b> 2 hour paper. Whole course.	\$ 65	
<b>SUBTOTAL C \$</b>				

**ALL NEW**

### PAST EXAMINATIONS (2020)

Item	Code	Task	Price (\$)	Order (✓)
20	TRM20	HSC Trial Mathematics. 3 hour paper	\$ 35	
21	YR11MH20	Year 11 Advanced. 2 hour paper	\$ 30	
22	TRMEX20	HSC Trial Extension 1. 2 hour paper	\$ 35	
23	YR11ME20	Year 11 Extension 1. 2 hour paper	\$ 30	
24	TRMS20	HSC Trial Maths Standard. 3 hour paper	\$ 35	
25	YR11MS20	Year 11 Maths Standard. 2 hour paper	\$ 30	
<b>SUBTOTAL D \$</b>				
<b>TOTAL = A + B + C + D \$</b>				

Transfer total to order form on reverse.

Prices include GST.