

Examinations: HSC Mid-Year, Trial and Year II

- Examinations follow all NSW Education Standards Authority (NESA) requirements and contain instructions, mapping grids, marking guidelines and sample answers.
- Mid-Year and Trial examinations are distributed by email. Examinations are subject to the following embargo periods: **Mid-Year exams** – Monday 5 March to Friday 30 March 2018; **Trial exams** – Monday 25 June to Monday 13 August 2018.
- QAT examinations are designed to be modified/edited as required.
- Past exam papers are also available for student revision and practice. (See web site)

Internal Assessment Tasks

- Each internal 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.
- 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 for writers' details.

Order form / Tax invoice

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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 Board of Studies 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.

Both the examinations and the internal assessment tasks:

- are delivered by email
- allow for electronic editing and modifying (for examinations)
- 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

Mid-Year

Available from
Monday, 5 March 2018

Trial/Year 11

Available week beginning
Monday, 25 June 2018

Note: Embargo period applies

QATs

Quality Assessment Tasks

Your complete Mathematics needs for

- **Mathematics**
- **Maths Extension I**
- **Mathematics General 2**
- **Maths Standard**

- **HSC Mid-Year Exams**
- **HSC Trial Exams**
- **Year II Exams**

2018

Your Complete Assessment Needs

HSC Mid and Trial Examinations

MATHEMATICS

Item	Code	Task	Price (\$)	Order (✓)
1	MIDMA18	MIDYEAR EXAM. 2 hour paper. Topics include: Coordinate methods in geometry. Application of geometrical properties. Geometrical applications of differentiation. Integration. Trigonometric functions. Series and series applications. A proportion of the exam will also cover topics from the preliminary course.	\$ 80	
2	TRMA18	TRIAL EXAM. 3 hour paper. The whole course will be examined.	\$ 110	
PAST EXAMINATIONS				
3	MIDMA17	PAST EXAM: MIDYEAR	\$ 35	
4	TRMA17	PAST EXAM: TRIAL	\$ 55	

MATHS EXTENSION I

Item	Code	Task	Price (\$)	Order (✓)
5	MIDEX18	MIDYEAR EXAM. 2 hour paper. Topics include: Inequalities. Circle geometry. Further trigonometry. Angles between two lines. Internal and external division of lines into given ratios. Parametric representation. Permutations and Combinations. Polynomials. Harder application of the 2 unit course. Methods of integration. Primitive of $\sin 2x$ and $\cos 2x$. Inverse functions and inverse Trig functions. Induction. Iterative methods for numerical estimates of the roots of a polynomial equation.	\$ 80	
6	TREX18	TRIAL EXAM. 2 hour paper. The whole course will be examined.	\$ 110	
PAST EXAMINATIONS				
7	MIDEX17	PAST EXAM: MIDYEAR	\$ 35	
8	TREX17	PAST EXAM: TRIAL	\$ 55	

MATHS GENERAL 2

Item	Code	Task	Price (\$)	Order (✓)
9	MIDMG18	MIDYEAR EXAM. 2.5 hour paper. Topics covered: Measurement; Financial Mathematics; Algebraic Modelling; Data Analysis; Probability.	\$ 80	
10	TRMG18	TRIAL EXAM. 2.5 hour paper. The whole course will be examined.	\$ 110	
PAST EXAMINATIONS				
11	MIDMG17	PAST EXAM: MIDYEAR	\$ 35	
12	TRMG17	PAST EXAM: TRIAL	\$ 55	

SUBTOTAL A \$

Transfer subtotal to opposite page.

Year II Examinations

MATHEMATICS

Item	Code	Task	Price (\$)	Order (✓)
13	YR11MA18	2 hour paper. Topics: Basic arithmetic and algebra. Real functions. Trigonometric ratios. Linear functions. The quadratic polynomial and the parabola. Plane geometry. Tangent to a curve and derivative of a function.	\$ 55	

MATHS EXTENSION I

Item	Code	Task	Price (\$)	Order (✓)
14	YR11EX18	2 hour paper. Topics: Other inequalities, circle geometry. Trigonometry involving sums and differences. Angles between two lines. Internal and external division of an interval. Parametric representation. Permutations and combinations. Polynomials. Harder applications of the 2 unit preliminary course.	\$ 55	

MATHS STANDARD

Item	Code	Task	Price (\$)	Order (✓)
15	YR11MG18	2 hour paper covering the Core topics of: <ul style="list-style-type: none"> Algebra Measurement Financial mathematics Statistical analysis 	\$ 55	
PAST EXAMINATIONS - PRELIMINARY				
16	YR11MA17	PAST EXAM: MA (2 hours)	\$ 30	
17	YR11EX17	PAST EXAM: EX (2 hours)	\$ 30	

SUBTOTAL B \$

TOTAL = A + B \$

Transfer total to order form on reverse.

Prices include GST.

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Writing Panels

All examinations are prepared by panels of practising teachers who are highly qualified and experienced in the setting and marking of examinations. Examinations undergo an extensive review and evaluation process before being published.