



**Bowral High Mathematics Faculty**

**Course Information, Assessment & Reporting**

**HSC Mathematics**

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10
<b>Term 4</b> Year 11	<b>series &amp; applications</b>				<b>geometrical applications of differentiation</b>				<b>Task 1</b> <b>assess</b> <b>week all</b> <b>courses -</b> <b>no classes</b>	<b>activity</b> <b>week - no</b> <b>lessons</b>
<b>Term 1</b> Year 12	<b>integration</b>					<b>trigonometric functions</b>  <b>Task 2 Week 9</b>				
<b>Term 2</b>	<b>logarithmic and exponential functions</b>				<b>applications of calculus to the physical world</b>				<b>Trial HSC</b>	
<b>Term 3</b>	<b>probability</b>			<b>applications of</b> <b>geometrical properties</b>		<b>Coordinate methods in</b> <b>geometry</b> <b>Task 4 Week 7</b>		<b>Revision</b>		

**Assessment**

The rules for HSC Mathematics are as set out in the Bowral High School Preliminary Course Assessment Guide. Students should familiarise themselves with these rules. The assessment program for General Mathematics is set out in the table below:-

### HSC Mathematics Assessment Task Schedule

COURSE: HSC MATHEMATICS						
Outcomes	Components	Weighting	Task 1	Task 2	Task 3	Task 4
			Term 4 Week 9	Term 1 Week 9	Term 2 Week 9/10	Term 3 Week 7
			Work Samples and Revision Test	Work Samples and Revision Test	Trial HSC	Work Samples and Revision Test
H1 – H11	Knowledge, understanding and skills	40	8	8	16	8
H1 – H11	Applications	60	12	12	24	12
	Marks	100	20	20	40	20

### Reporting

A student progress report will be provided mid-course and at the end of the course. The report for each student will show:-

1. A Grade indicating the level of achievement in each area studied during the assessment period. These Grades will be based on the individual student's achievement in the course. The areas of assessment in HSC Mathematics are:-

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**The grades awarded will be: Outstanding, High, Sound, Basic, Limited, N** (fails to meet course requirements in the Preliminary Certificate), **n/a** (If the student was not at BHS for this work)

2. A personal profile for responsible learning, using the categories; **Always, Usually, Sometimes, Rarely.**

- Brings required equipment to class / is prepared
- Listens attentively and follows instructions
- Participates positively in class and discussions
- Interacts positively with teachers and students
- Works independently and is self motivated

- Meets homework/assignment deadlines
3. An indication of the number of lessons missed by the student.
  4. Confirmation that the student is meeting course requirements for the Preliminary Certificate in General Mathematics.
  5. Teacher comment.

### Special Notes

- **Homework** will be given on a regular basis and its completion and follow-up is considered to play an important part in building student confidence and skills in Mathematics.
- **Calculators** and their effective use are an essential part of senior Mathematics Courses and all students are required to have a scientific calculator with them in every mathematics lesson and for all assessment tasks. We strongly recommend you purchase a calculator through the Finance Office at Bowral High where we sell an approved calculator **at cost price**. This calculator is suitable for use through to Year 12 and beyond. Calculators purchased elsewhere may not have the required features.
- **Calculators may be used in all assessment tasks and in the HSC Examination in Mathematics.**
- **Geometry Equipment:** All students are expected to have a set of geometrical instruments consisting of a pair of compasses, a protractor, a setsquare, a ruler and a pencil. At the moment a geometry set is offered free as a bonus item with the purchase of a calculator through the Finance Office (see above).
- If, at any time, you would like to discuss your child's progress in Mathematics you may contact their Mathematics Teacher or Mr Reynolds, on 48612255.

**M. Reynolds - Head Teacher Mathematics**