



Boorowa Central School

Excellence through Respect, Responsibility and Participation

Assessment Task Notification

All tasks should be clearly outlined in the notice and give information pertaining to the nature of the task, the outcomes being assessed and the marking schedule giving individual component weightings.

Teacher: Poplin	Course: Standard 2 Mathematics
Task and Number: Presentation Assignment, 3	Task Weighting: 20%
Date Issued: 18 th May 2020	Date Due: 5 th June 2020
Syllabus component: Various depending on topics assigned.	
Syllabus outcomes being assessed: H1 seeks to apply mathematical techniques to problems in a wide range of practical contexts H2 constructs arguments to prove and justify results H3 manipulates algebraic expressions involving logarithmic and exponential functions H4 expresses practical problems in mathematical terms based on simple given models H5 applies appropriate techniques from the study of calculus and series to solve problems H6 uses the derivative to determine the features of the graph of a function H7 uses the features of a graph to deduce information about the derivative H8 uses techniques of integration to calculate areas and volumes H9 communicates using mathematical language, notation, diagrams and graphs	
Description of task: You will be given three topics that you have already studied in this course. (each student will have different topics) The task consists of two parts. 1. Students will create up to a 4 page document that will thoroughly revise the content of the given topic. Students should ensure that they include: <ul style="list-style-type: none">• Syllabus references• Formulas from the examination reference sheet that are related to this topic.• Required or helpful formulas that are NOT on the reference sheet.• Graphs or diagrams that are used in this topic.• Example questions with solutions that range in their level of difficulty and cover various sections of the topic. 2. A five to eight minute presentation (lesson) to share your document to your peers with the aim to assist them in revising this topic. You may choose to use programs such as powerpoint, Geogebra, google slides etc to assist you in this presentation. You will need to answer any questions members of the class ask about the content of your presentation.	
Submission of Task requirements: On the due date you will be presenting your three topics to the other members of the class. You will need to have a copy of the 4page document to give to them and one for me. I can arrange photocopying if you wish (this needs to happen before the day of presentation). Let me know if needing access to a data projector for your presentation.	
Note: If a student is absent for an assessment task or fails to submit a task when it is due, then a medical certificate or other acceptable explanation must be presented on the first day the student returns to school or a zero mark is awarded.	



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Assessment Task - Marking Criteria

FOR EACH TOPIC you need to:	
<p>-prepare a quality revision document with diagrams, formulas and example problems with solutions, including syllabus and formula sheet references (10 marks)</p> <p>-present an interesting revision lesson(orally) to the class that may include the use of technology (5-8 minutes) (10 marks)</p>	
Topic 1 Marking guidelines	
<ul style="list-style-type: none"> Outstanding revision document – all areas covered, formulas included in detail, mathematical terminology successfully used, wide variety of examples included with correct solutions, appropriate syllabus references provided. Very interesting revision lesson delivered orally and within time frame- very clear explanation of concepts, correct terminology used, questions from class members capably answered 	20-25
<ul style="list-style-type: none"> High quality revision document – most areas covered, formulas included in some detail, mathematical terminology successfully used most of the time, a variety of examples included with mostly correct solutions, appropriate syllabus references provided. Interesting revision lesson delivered orally and within time frame- clear explanation of concepts, correct terminology used, questions from class members reasonably answered 	14-19
<ul style="list-style-type: none"> Sound revision document -some areas covered, some formulas included with detail, some mathematical terminology used, some examples included with few solutions, a few syllabus references provided. Sound revision lesson delivered orally and close to time frame- explanation of some concepts, some correct terminology used, attempt made to answer questions from class members. 	8-13
<ul style="list-style-type: none"> Poor quality revision document -few areas covered, some formulas included, little mathematical terminology used, some examples included without solutions, syllabus references not provided. Poor revision lesson not delivered orally and not close to time frame 	1-7
Non -submission of assessment	0
	Total Mark



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Topic 2 Marking guidelines

<ul style="list-style-type: none">• Outstanding revision document – all areas covered, formulas included in detail, mathematical terminology successfully used, wide variety of examples included with correct solutions, appropriate syllabus references provided.• Very interesting revision lesson delivered orally and within time frame- very clear explanation of concepts, correct terminology used, questions from class members capably answered	20-25
<ul style="list-style-type: none">• High quality revision document – most areas covered, formulas included in some detail, mathematical terminology successfully used most of the time, a variety of examples included with mostly correct solutions, appropriate syllabus references provided.• Interesting revision lesson delivered orally and within time frame- clear explanation of concepts, correct terminology used, questions from class members reasonably answered	14-19
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<ul style="list-style-type: none">• Poor quality revision document -few areas covered, some formulas included, little mathematical terminology used, some examples included without solutions, syllabus references not provided.• Poor revision lesson not delivered orally and not close to time frame	1-7
Non -submission of assessment	0
	Total Mark



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Topic 3 Marking guidelines

<ul style="list-style-type: none">• Outstanding revision document – all areas covered, formulas included in detail, mathematical terminology successfully used, wide variety of examples included with correct solutions, appropriate syllabus references provided.• Very interesting revision lesson delivered orally and within time frame- very clear explanation of concepts, correct terminology used, questions from class members capably answered	20-25
<ul style="list-style-type: none">• High quality revision document – most areas covered, formulas included in some detail, mathematical terminology successfully used most of the time, a variety of examples included with mostly correct solutions, appropriate syllabus references provided.• Interesting revision lesson delivered orally and within time frame- clear explanation of concepts, correct terminology used, questions from class members reasonably answered	14-19
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Non -submission of assessment	0
	Total Mark