ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Mathematics
Topic	Expressions, Equations, Linear Relationships & Trigonometry
Class Teacher	Mr Harrison & Mr Lummis
Head Teacher	Mrs Johnston
Year	10 Stage 5.3
Date Given	Term 3 Week 3 (Fri 30/7)
Date of Examination	Term 3 Week 5 (Fri 13/8)
Weighting	20%

In class examination - **1 period**

Assessable Outcomes:

Expressions, Equations and Linear Relationships (MA5.3-5NA, MA5.2-8NA, MA5.3-8NA)
- *Expressions and Equations* – The four operations of algebra (+, - , x, ÷), algebraic fractions, solving equations, solving and graphing inequalities
- *Linear Relationships* - graphing straight lines, finding the equation of a line, distance and midpoint of an interval, parallel and perpendicular lines and solving simultaneous equations.

TRIGONOMETRY (MA5.3-15MG)
- Finding a side, finding an angle, angles of elevation & depression, bearings, 3D applications of trigonometry, the sine rule, the cosine rule and the area of a triangle.

NOTE – One A4 summary sheet may be used during the task. It is to be hand-written and can be double sided.

Non-completion of Task:
If you know you are going to be away on the day of examination, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day of examination, you must contact your teacher or Head Teacher on your return to school. Documentation will be required in both cases.

Plagiarism:
Plagiarism, the using of the work of others without acknowledgement, will incur serious penalties and may result in a zero award. Any cheating will also incur penalties.

Failure to follow the above procedures may result in a zero award. The policies and procedures that are outlined on the ROSA booklet will be followed regarding the non-completion of assessment tasks.

Outcomes Assessed
MA5.3-5NA selects and applies appropriate algebraic techniques to operate with algebraic expressions.
MA5.2-8NA solves linear equations, linear inequalities and linear simultaneous equations, using analytical ad graphical techniques.
MA5.3-8NA uses formulas to find midpoint, gradient and distance on the Cartesian plan, and applies standard forms of the equation of a straight line.
MA5.3-15MG applies Pythagoras' Theorem, trigonometric relationships, the sine rule, the cosine rule and the area rule to solve problems, including problems involving three dimensions.