



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

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| Subject | Year 9 5.1 Mathematics |
| Topic | Properties of Geometrical Figures and Indices |
| Class Teacher | Mcalpine, Edwards, Routh, Lummis, Harrison |
| Head Teacher | Johnston |
| Year | Year 9 5.1 |
| Date Given | Week 3 Term 3 |
| Date Due | Week 5 Term 3 Thursday 12 th August (1 Period) |
| Weighting | 20% |

Assessment Outline

You will be tested on the following:

Term 2 and Term 3 Content:

***Properties of Geometrical Figures** – Classifying, Measuring and naming angles, Angle Geometry, Parallel Lines, Classifying Triangles, Angle Sum of a Triangle, Exterior Angle of a Triangle, Angle Sum of a Quadrilateral, Angle Sum of Polygons, Similar Figures, Finding Unknown Sides in Similar Triangles.

***Indices** – Index Laws 1 and 2- Multiplication and Division, Index Law 3 Powers of Powers and the Zero Powers Law, Index Laws 4 and 5- Extending the Existing Laws, The Negative Index Law.

Required Equipment- black or blue pen, calculator, An 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 that the task is due, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day that the task is due, 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 | |
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| Topics | A Student in this range: |
| <p>YEAR 9 5.1</p> <p>Properties of Geometrical Figures</p> | <ul style="list-style-type: none"> • MA5.1-1WM uses appropriate terminology, diagrams and symbols in mathematical contexts • MA5.1-2WM selects and uses appropriate strategies to solve problems • MA5.1-3WM provides reasoning to support conclusions that are appropriate to the context • MA4-18MG identifies and uses angle relationships, including those related to transversals on sets of parallel lines • MA4-17MG classifies, describes and uses the properties of triangles and quadrilaterals, and determines congruent triangles to find unknown side lengths and angles • MA5.1-11MG describes and applies the properties of similar figures and scale drawings |
| <p>YEAR 9 5.1</p> <p>Indices</p> | <ul style="list-style-type: none"> • MA5.1-1WM uses appropriate terminology, diagrams and symbols in mathematical contexts • MA5.1-2WM selects and uses appropriate strategies to solve problems • MA5.1-3WM provides reasoning to support conclusions that are appropriate to the context • MA5.1-5NA operates with algebraic expressions involving positive-integer and zero indices, and establishes the meaning of negative indices for numerical bases |