## Elements Curriculum Plan Subject: Mathematics



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|  |  | - Work with compound units | Life Skills |
| :---: | :---: | :---: | :---: |
| Assessment |  |  |  |
| Summer 1 | Geometric deduction | - Revisit angle rules, including within special quadrilaterals <br> - Find angles using algebraic methods <br> - Use chains of reasoning to evaluate angles | Communication Problem Solving |
|  | Rotation and Translation | - Identify the order of rotational symmetry of a shape <br> - Find the results of rotating shapes <br> - Translate points and shapes given a vector <br> - Understand variance and invariance in the context of transformations | Communication Problem Solving Life skills |
|  | Pythagoras Theorem | - Identify the Hypotenuse of a right angles triangle <br> - Determine whether a triangle is right angled <br> - Calculate missing angles | Communication Problem Solving |
| Assessment |  |  |  |
| Summer 2 | Probability | - Experimental probability and relative frequency <br> - Expected number of outcomes <br> - Independent events | Communication Problem Solving Life Skills Staying safe |
|  | Algebraic representations | - Drawing and reading from quadratics <br> - Interpreting other graphs- reciprocal piece wise <br> - Representing inequalities | Communication Problem Solving |
| Assessment |  |  |  |

## Rationale -

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As above, plus:

