

**THE HIGHEST STANDARDS**

Always set and deliver the highest standards; never settle for less.

**INVEST TO ACHIEVE**

Care about the now; create the very best for your future.

**EVERYONE IS VALUED**

We are unique individuals working together to be the best.

**NO EXCUSES**

Create solutions, not excuses.

**NEVER GIVE UP**

Resilience is essential; self-belief drives improvement.

**CULTIVATE YOUR CHARACTER**

Qualifications open doors; your character gets you through them.

## Mathematics Year 8 2024-2025

|                    | Week 0                                       | Week 1                     | Week 2                              | Week 3                                     | Week 4                              | Week 5                                    | Week 6         | Week 7         | Week 8                                |
|--------------------|--|----------------------------|-------------------------------------|--|-------------------------------------|---|----------------|----------------|---------------------------------------|
| <b>Half Term 1</b> |  | <u>Ratio and Scale</u>     |                                     | <u>Multiplicative Change</u>               |                                     | <u>Multiplying and dividing fractions</u> | <b>Project</b> | <b>Project</b> | <u>Working in the Cartesian plane</u> |
| <b>Half Term 2</b> | <u>Working in the Cartesian plane</u>        |                            | <u>Representing data</u>            |  | <u>Tables and Probability</u>       | Assessment and CTG 1                      | <b>Project</b> | Holiday        |                                       |
| <b>Half Term 3</b> | <u>Brackets, equations and inequalities</u>  |                            | <u>Sequences</u>                    | <u>Indices</u>                             | <b>Project</b>                      | <u>Fractions and Percentages</u>          | Holiday        |                |                                       |
| <b>Half Term 4</b> | <u>Fractions and Percentages</u>             | <u>Standard Index Form</u> | <u>Number Sense</u>                 | Assessment and CTG 2                       | <b>Project</b>                      | Holiday                                   |                |                |                                       |
| <b>Half Term 5</b> | <u>Angles in parallel lines and polygons</u> |                            | <u>Area of trapezia and circles</u> |  | <u>Line Symmetry and Reflection</u> | <b>Project</b>                            | Holiday        |                |                                       |
| <b>Half Term 6</b> | <u>The data handling cycle</u>               |                            |                                     | <u>Measures of location and dispersion</u> |                                     | Assessment and CTG 3                      | <b>Project</b> |                |                                       |

How does this year deliver your curriculum intent?

Within year 8, students use and build upon the knowledge gained within primary school and in year 7 and study all six strands of mathematics in detail. The numerical knowledge that they have gained within year 7 forms the prior knowledge required to understand the key concepts taught within year 8. Students experience mathematics in unfamiliar and real life contexts through the five projects that are delivered across the course of the year.