

Delivering exceptional learning experiences that enable all young people to thrive in a competitive world and lead successful and fulfilling lives.

### 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 10 2024-2025

| Half Term 1 | Week 0                                                | Week 1             | Week 2                  | Week 3                      | Week 4                                         | Week 5                      | Week 6               | Week 7                                                  | Week 8 |
|-------------|-------------------------------------------------------|--------------------|-------------------------|-----------------------------|------------------------------------------------|-----------------------------|----------------------|---------------------------------------------------------|--------|
|             |                                                       | <u>Congrue</u>     | ncy, Similarity and Enl | <u>argement</u>             |                                                | <u>Irigonometry</u>         |                      | Representing Solutions of Equations and<br>Inequalities |        |
| Half Term 2 | Week 9                                                | Week 10            | Week 11                 | Week 12                     | Week 13 - LC1                                  | Week 14                     | Week 15              |                                                         |        |
|             | Simultaneous Equations                                |                    |                         | Assessment and<br>CTG 1     | Angles and Bearings                            |                             | Working with Circles | Holiday                                                 |        |
| Half Term 3 | Week 16                                               | Week 17            | Week 18                 | Week 19                     | Week 20                                        | Week 21                     |                      |                                                         |        |
|             | Working with Circles                                  | <u>Vectors</u>     |                         | <u>Ratios and Fractions</u> |                                                | Percentages and<br>Interest | Holiday              |                                                         |        |
| Half Term 4 | Week 22                                               | Week 23            | Week 24 - LC2           | Week 25                     | Week 26                                        |                             |                      |                                                         |        |
|             | Percentages and<br>Interest                           | <u>Probability</u> |                         | Assessment and<br>CTG 2     | Collecting, Representing and Interpreting Data | Holiday                     |                      |                                                         |        |
| Half Term 5 | Week 27 - PE                                          | Week 28            | Week 29                 | Week 30                     | Week 31                                        | Week 32                     |                      |                                                         |        |
|             | Collecting, Representing and Interpreting <u>Data</u> |                    | Non-Calculator Methods  |                             | Types of Number and Sequences                  |                             | Holiday              |                                                         |        |
| Half Term 6 | Week 33                                               | Week 34            | Week 35                 | Week 36                     | Week 37                                        | Week 38                     | Week 39 - LC3        |                                                         |        |
|             | <u>Indices and Roots</u>                              |                    | Revision                | Trial Examinations          |                                                | Manipulating Expressions    |                      |                                                         |        |

How does this year deliver your curriculum intent?

Students following this scheme of learning are both recapping key material from years 7,8 and 9, to ensure that they are able to reason with the content and also developing new knowledge across all of the mathematical strands. Students secure all of the higher tier content with the increased algebra from year 9 being built upon within year 10. Students are shown increased geometry content within year 10. This increase will support further study at post 16. Within this year, students are shown mathematics in unfamiliar contexts that are relevant to the real world and develop knowledge that will be applicable across multiple different curriculum areas