




## Mathematics || Key Stage 3 || Year 7-9 || Scheme Of Learning

### Overview

Year 7, 8 and 9 students will follow the White Rose scheme of learning which will provide access to all the objectives from the National Curriculum. The scheme is made of units that are designed to be taught for a period of between 1 and 3 weeks to allow students to spend enough time to get a deep understanding of the topic being covered. All groups will cover the units at the same time. The scheme has been designed to allow for the interleaving of skills. Progress is made through the units so that the students' understanding, and knowledge is reinforced and extended. Students are given opportunities throughout the scheme to develop their written and mental arithmetic, however the scheme also allows for calculator skills to be developed. Mini assessments are used throughout the year to check for understanding of the key skills. Half-yearly assessments will be taken which cover all topics that the students have been taught through the course.

| Year 9<br>Half-term 1 |        |                               | Year 9<br>Half-term 2 |        |                              | Year 9<br>Half-term 3   |        |                   | Year 9<br>Half-term 4 |        |                          | Year 9<br>Half-term 5 |        |                                       | Year 9<br>Half-term 6 |                          |                            |
|-----------------------|--------|-------------------------------|-----------------------|--------|------------------------------|---|--------|-------------------|-----------------------|--------|--------------------------|-----------------------|--------|---------------------------------------|-----------------------|--------------------------|----------------------------|
| Wk 1                  | 04-Sep | Straight Line Graphs          | Wk 9                  | 06-Nov | ...continued                 | Wk 16   | 08-Jan | cont...           | Wk 21                 | 19-Feb | cont...                  | Wk 27                 | 15-Apr | Pythagoras' theorem                   | Wk 33                 | 03-Jun                   | Revision and consolidation |
| Wk 2                  | 11-Sep |                               | Wk 10                 | 13-Nov | Constructions and Congruency | Wk 17   | 15-Jan |                   | Wk 22                 | 26-Feb | Maths and Money          | Wk 28                 | 22-Apr |                                       | Wk 34                 | 10-Jun                   |                            |
| Wk 3                  | 18-Sep |                               | Wk 11                 | 20-Nov |                              | Wk 18   | 22-Jan |                   | Wk 23                 | 04-Mar |                          | Wk 29                 | 29-Apr | Enlargement and similarity            | Wk 35                 | 17-Jun                   |                            |
| Wk 4                  | 25-Sep | Forming and Solving Equations | Wk 12                 | 27-Nov | Numbers                      | Wk 19   | 29-Jan | Using percentages | Wk 24                 | 11-Mar | Range and mean (y8)      | Wk 30                 | 06-May |                                       | Wk 36                 | 24-Jun                   | Probability                |
| Wk 5                  | 02-Oct |                               | Wk 13                 | 04-Dec |                              | Wk 20   | 05-Feb |                   | Wk 25                 | 18-Mar | Rotation and translation | Wk 31                 | 13-May | Solving ratio and proportion problems | Wk 37                 | 01-Jul                   |                            |
| Wk 6                  | 09-Oct | Testing Conjectures           | Wk 14                 | 11-Dec | Consolidation                |  <div style="background-color: #4a86e8; color: white; padding: 5px; border-radius: 5px; display: inline-block;"> <b>Maths Home Learning Video Lessons</b> </div> |        | Wk 26             | 25-Mar                | Wk 32  |                          | 20-May                | Wk 38  |                                       | 08-Jul                | Algebraic representation |                            |
| Wk 7                  | 16-Oct | 3d shapes                     | Wk 15                 | 18-Dec |                              |   |        | Wk 39             | 15-Jul                |        |                          |                       |        |                                       |                       |                          |                            |
| Wk 8                  | 23-Oct |                               |                       |        |                              |   |        |                   |                       |        |                          |                       |        |                                       |                       |                          |                            |