

# MATHEMATICS

KS3

## Curriculum Purpose

Students in Year 8 have six lessons a fortnight. In Year 8, the students build on their knowledge from Year 7 and new topics are introduced. Students will be encouraged to problem solve and explore real life scenarios incorporating spiritual, cultural, moral and social aspects where applicable throughout the curriculum. Age related expectation is used to measure students' progress in Year 8.

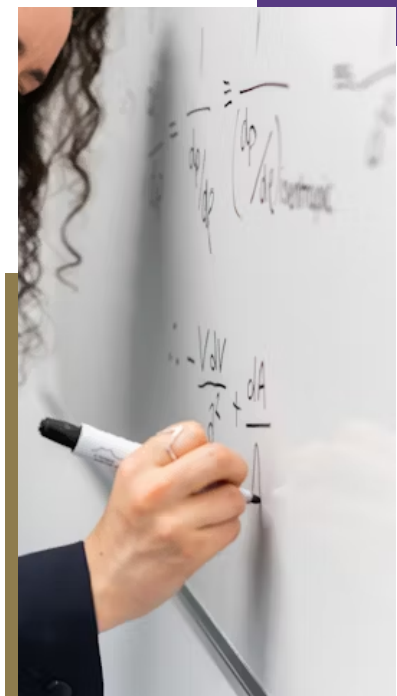
YR8



## Curriculum Topics

- **Ratio and Scale**
- **Multiplicative Change**
- **Multiplying and Dividing Fractions**
- **Working in the Cartesian Plane**
- **Representing Data**
- **Tables and Probability**
- **Brackets, Equations and Inequalities**
- **Sequences**
- **Indices**
- **Fractions and Percentages**
- **Standard Index Form**
- **Number Sense**
- **Angles in Parallel Lines and Polygons**
- **Area of Trapezia and Circles**
- **Line Symmetry and Reflection**
- **The Data Handling Cycle**
- **Measures of Location**

Additionally, there is a support curriculum in place which runs alongside the above curriculum.



## When and how assessment of learning will happen

Awaiting content.



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Awaiting content.

## Home Learning Expectations

Tasks on [www.mymaths.co.uk](http://www.mymaths.co.uk) based on White Rose curriculum

## Useful Information

Individual Google classrooms  
[www.mymaths.co.uk](http://www.mymaths.co.uk)

