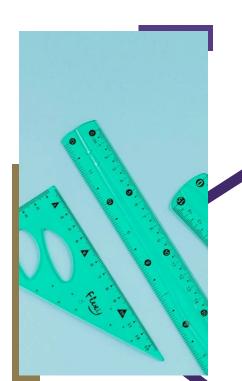# MATHEMATICS
KS3

YR7

Curriculum Purpose

Students in Year 7 have six lessons a fortnight. In Year 7, the students build on their knowledge from Key Stage 2 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 7.

Curriculum Topics

- **Sequences**
- **Understand and Use Algebraic Notation**
- **Equality and Equivalence**
- **Place Value and Ordering Integers and Decimals**
- **Fraction, Decimal and Percentage Equivalents**
- **Solving Problems with addition and Subtraction**
- **Solving problems withMultiplication and Division**
- **Fractions and Percentages of Amounts**
- **Operations and Equations with Directed Number**
- **Addition and Subtraction of Fractions**
- **Constructing, Measuring and using Geometric Notation**
- **Developing Geometric Reasoning**
- **Developing Number Sense**
- **Sets and Probability**
- **Prime Numbers and Proof**

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

When and how assessment of learning will happen

End of term assessments
End of year assessment

Home Learning expectations

Tasks on www.mymaths.co.uk based on White Rose curriculum

Useful Information

Individual Google classrooms
www.mymaths.co.uk

MATHEMATICIANS THROUGH HISTORY

MATHEMATICS