

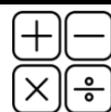


# Maths Learning Journey Map

## Year 8



### SKILLS DEVELOPED



Move on to Year 9



Summer Holidays



Next Level



Year 8 Survival Top Tips	
Tip 1	Redo questions that were incorrect for homework
Tip 2	Mark questions that are difficult for the next class
Tip 3	Make a study plan dividing maths into topics
Tip 4	Use calculator and step by step methods when completing questions
Tip 5	Ask for help after attempting questions at least 3 times

**Summer 2**

- PRE-UNIT TEST
- Collecting Data
- Frequency Tables
- Draw and Interpret Pictograms, Bar Charts
- Draw and Interpret Pie Charts, Scatter Graphs
- Averages and Range
- POST UNIT TEST

**Summer 1**

- PRE-UNIT TEST
- Function Machines
- Coordinates
- Plotting Linear Graphs
- Plotting Non-Linear Graphs
- Interpret Linear and Simultaneous Graphs
- EOY ASSESSMENT

**Spring 2**

- PRE-UNIT TEST
- Solving Equations
- Factors, Multiple, Primes
- Term to Term Rule
- Nth Term
- SPRING CUMULATIVE ASSESSMENT

**Spring 1**

- PRE-UNIT TEST
- Area 2D SHAPES
- Area of Circles
- Properties of 3D Shapes
- Surface Area
- Volume
- POST UNIT ASSESSMENT

**Autumn 2**

- PRE-UNIT TEST
- Angle Notation
- Parallel Lines
- Triangle Properties
- Quadrilateral Properties
- Writing and Using Formulae
- Change the Subject
- AUTUMN CUMULATIVE ASSESSMENT

**Autumn 1**

- PRE-UNIT TEST
- Collect Like Terms
- Multiplying Variables Using Index Laws
- Add and Subtract Algebraic Fractions
- Multiply and Divide Algebraic Fractions
- Writing Expressions + BIDMAS
- Expand and Factorise Expressions
- POST UNIT TEST

CURRICULUM OVERVIEW

### SKILLS TAUGHT ACROSS MATHS

- 1) Interpersonal skills
- 2) Arithmetic skills
- 3) Calculator skills
- 4) Problem-solving skills
- 5) Critical thinking skills



Welcome

CURRICULUM OVERVIEW