# Maths Learning Journey Map
## Year 10F

**SKILS DEVELOPED**

### Year 10 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 |
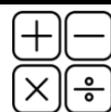
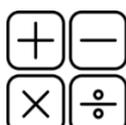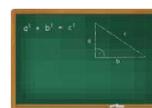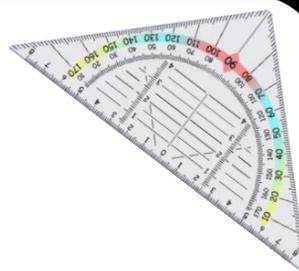**Move on to Year 11**

**Summer Holidays**

**Next Level**

### Summer 2

- PRE-UNIT TEST
- Midpoint and Distance
- Y = MX + C
- Parallel Lines
- Time Conversions
- Distance, Speed, Time
- Distance-Time Graphs
- PPE Exam

**YEAR 10F**
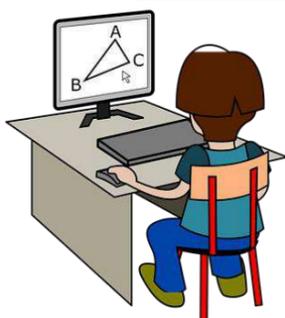
### Summer 1

- PRE-UNIT TEST
- HCF and LCM
- Prime Factorisation
- Change the Subject
- Term to Term Rule
- Nth Term
- EOY ASSESSMENT

**YEAR 10F**

### Spring 2

- PRE-UNIT TEST
- Substitutions
- Function Machines
- Solving Equations
- Simultaneous Equations
- Factors, Multiples, Primes
- SPRING CUMULATIVE ASSESSMENT

**YEAR 10F**

### Spring 1

- PRE-UNIT TEST
- Simple and Compound Interest
- Reverse Percentages
- Averages and Range
- Stem leaf Diagrams
- Draw and Interpret Pictograms, Bar Charts,
- Averages from Frequency Tables
- Frequency Polygons and Averages
- POST UNIT ASSESSMENT

$$y = ax^2 + bx + c$$

**YEAR 10F**
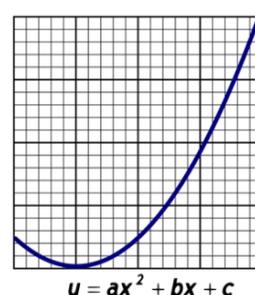
### Autumn 2

- PRE-UNIT TEST
- Algebraic Expressions
- Simplifying Expressions
- Expanding and Factorising Single Brackets
- Percent of Amounts
- Percent Change
- AUTUMN CUMULATIVE ASSESSMENT

### Autumn 1

- PRE-UNIT TEST
- Four Operation Negative Numbers
- Powers and Roots
- Laws of Indices
- Multiply and Divide by 10, 100, 1000, 0.1, 0.01
- Standard Form
- Standard Form Calculations
- POST UNIT TEST

**YEAR 10F**
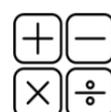
**CURRICULUM OVERVIEW**

### SKILLS TAUGHT ACROSS MATHS

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

## welcome

## CURRICULUM OVERVIEW