Sparx Maths

Maths Learning Journey Map

Year 8

THE LORD IS MY STRENGTH · ST GABRIEL'S · STRENGTH SERVICE SUCCESS

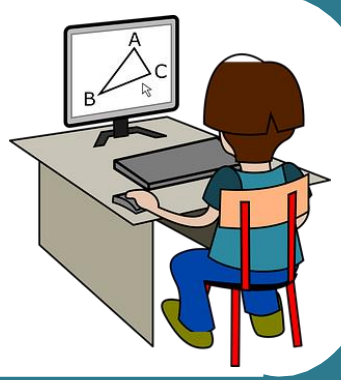
SKILS DEVELOPED

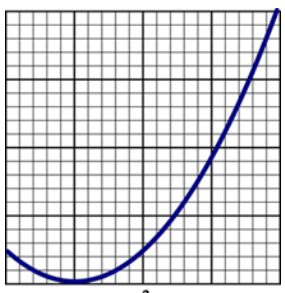
Year 8 Survival Top Tips	
Tip 1	Make notes from teacher
Tip 2	Write any extra steps that will help you
Tip 3	Become familiar with keywords
Tip 4	Reread the question
Tip 5	Self-correct at home

CURRICULUM OVERVIEW

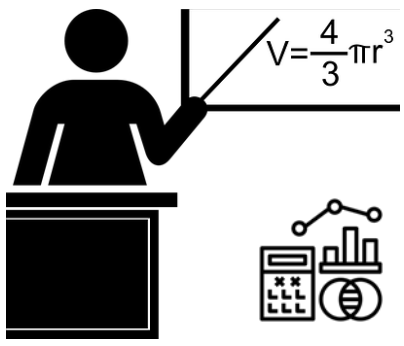
Proportional Reasoning
- Understand and use ratio and scale.
- Solve multiplicative change problems.
- Multiply and divide fractions.
- Inverse Proportion

Representations
- Working in the Cartesian plane.
- Represent data in graphs and tables.
- Tables and probability.



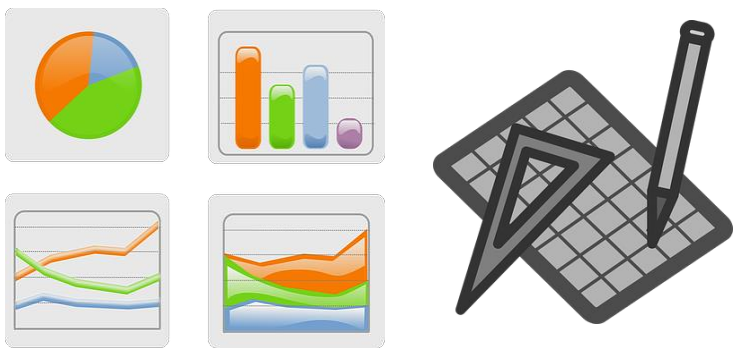


Algebraic Techniques
- Brackets
- Equations and inequalities.
- Generate sequences.



Developing Number
- Calculate with fractions and percentages.
- Calculate with numbers in standard form.

YEAR 8



Developing Geometry
- Area of trapezia and circles.

Reasoning with Data
- Measures of location.
- The data handling cycle.

Move on to Year 9

Summer Holidays

Next Level

SKILLS TAUGHT ACROSS MATHS

1) Being able to work under pressure
2) Time management skills
3) Arithmetic skills
4) Organisational skills
5) Communication skills

CURRICULUM OVERVIEW