MATHEMATICS

arcs, cones and

Coordinates

Expressions and

spheres





SKILLS

Year 11

- Use of relevant maths vocabulary
 Consistently applying maths knowledge to GCSE exam style questions
 Breaking down multi-step or more complex questions to identify the knowledge covered
 Applying knowledge to real-life situations
 Focus on revision techniques

Year 9

- Applying existing knowledge to more challenging topics Start applying maths knowledge to GCSE style
- equipment: protractor &
- compasses Applying knowledge to real-life situations

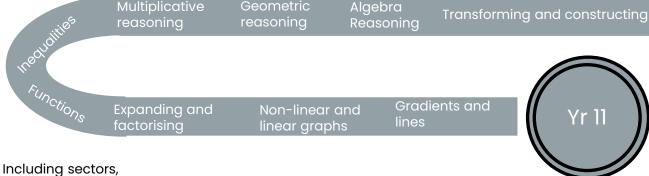
Year 8

- Returning, strengthening &
- extending key skills/knowledge from Y7 Applying learnt knowledge to problem solving style auestions

The future

-Study maths at A level and degree level - Confidently use maths in their adult life (either within financing or within their chosen career)

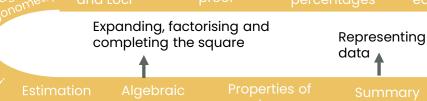
KNOWLEDGE



Transformations

Ratio

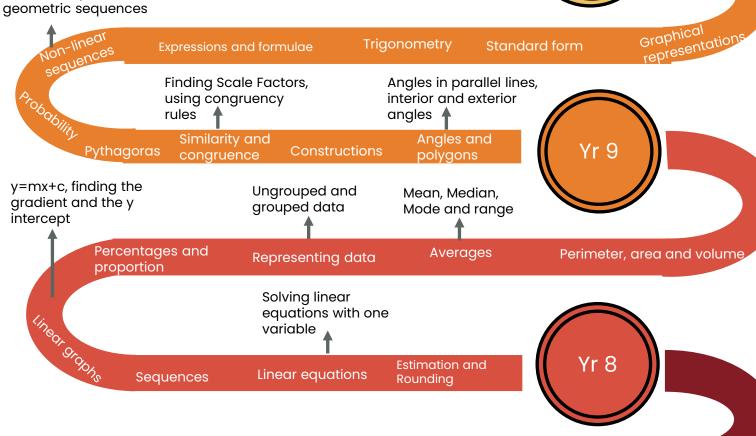
Place Value



Fibonacci, quadratic and

Perimeter and area

Arithmetic



Fractions

Squares, cubes, roots and primes,

including prime factorisation

Number properties

- Introduction & use of relevant maths
- Reinforcing existing
- Practising new concepts like algebra
- Further practice on written calculation methods
- Introduction to the

Year 7

- vocabulary
- numeracy skills
- 'balance method' for solving equations & inequalities