

Curriculum Content

Mathematics in S1 is structured around three key themes: **Sports, Theatre and Engineering**. Each theme provides a different lens to explore different mathematical concepts and how they work together while highlighting their real-world applications.

Sports

Math is integral to sports, from calculating scores and analysing performance to predicting outcomes and optimizing strategies, using concepts like geometry, statistics, and probability. Topics include Fractions, Decimals and Percentages, Graphs and Charts and Probability.

Theatre

Math plays a crucial role in theatre, from set design and stage construction to lighting, sound, and even musical performances, with applications ranging from geometry, ratio and angles to budgeting and scheduling. Topics include Enlargement and reduction, Multiplying decimals, Ratio and Scale Drawing.

Engineering

Math is fundamental to engineering, providing the tools for modelling, analysis, and problem-solving across various disciplines, from designing structures and circuits to optimizing processes and predicting outcomes. Topics include 2D shapes, Symmetry and Angles.

Assessment

Formative Assessment

- ◇ Class discussions
- ◇ Plenaries
- ◇ Quizzes
- ◇ Numeracy Ninja
- ◇ Whiteboards
- ◇ Questioning













Summative Assessment

- ◇ Topic Pathways to Success
- ◇ Diagnostic Retrieval Assessments completed at 3 points throughout the year.

Click the links to learn more about formative and summative assessment approaches:

- ⇒ [Updated guidance on assessment within the broad general education](#)
- ⇒ [Bing Videos](#)

Meta-skills

Self-management	Focusing		
	Integrity		✓
	Adapting		
	Initiative		
Social Intelligence	Communicating		✓
	Feeling		
	Collaborating		✓
	Leading		
Innovation	Curiosity		✓
	Sense-making		✓
	Creativity		
	Critical thinking		✓

To find out more detail about the meta skills learned in this curriculum area, please view the meta skills section on our school website.

Kindness

Respect

Ambition

UNCRC



Celebrating Success

Reward Stamps

Positive Postcards

Staff List

Mrs Laura McIntosh

Mr Jordan Weaver



WINCHBURGH ACADEMY



BGE Maths

S2 Curriculum Overview