

Curriculum Content

Maths in S2 is structured around three key themes: **Construction, Navigation and Finance**. Each theme provides a different lens to explore different maths concepts and how they work together while highlighting their real-world applications.

Construction:

Maths plays a crucial role in construction, as it helps with the planning, design, and execution of building projects. In this unit pupils will develop their knowledge of perimeter, area and volume. These skills are essential for determining the amount of materials needed (e.g. cement, bricks, or paint). For example, calculating the area of a floor to estimate how much flooring material is required.

Naviagation:

Mathematics plays a vital role in navigation, helping navigators determine their position, plan their routes, and reach their destination efficiently and safely. In this unit pupils will develop working with co-ordinates; compass points and bearings; speed, distance and time; time zones and gradient.

Finance:

Mathematics plays a central role in finance, helping individuals, companies, and institutions make informed decisions about investments, pricing, risk, and financial planning. In this unit pupils will develop their understanding of investments, payment plans, best buys, profit and loss and foreign exchange. Through this pupils will develop working with fractions and percentages.

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