

<u>Overview Document</u> <u>2026/2027</u>	Curriculum Area: ACE Maths	Year Group: Z
	Personnel Responsible: JPA	Quality Assured by: PPR

Cycle	Topic/Unit Title – Big Question	Content Coverage	Skill development and links to other areas of this subject's curriculum
1	Why are numbers important?	- Place Value (Within 10) - Comparing Numbers using inequality signs. - Addition and Subtraction	Students will get a chance to apply what they understand of mathematics from primary school, building on the foundations of Number and other strands such as Multiplication and Division to develop fluency and efficiency as well as deepening understanding of calculations to enable problem solving. These are the fundamental building blocks of mathematics that will be built upon throughout their learning journey in Key Stage 3 and beyond and will allow them to access other subject areas.
2	What can we do with numbers?	- Addition and Subtraction - Properties of Shapes - Place Value (Within 20) - Addition and Subtraction - Place Value (Within 50)	Students will build on their understanding of our number system, going into greater depth moving into knowledge around numbers within 50. Work on shape will build on work undertaken in primary school and will offer the opportunity to delve deeper into this concept. Addition and subtraction crossing a ten will be introduced and strengthened throughout this cycle.
3	Are numbers everywhere?	- Counting in 2s, 5s and 10s - Measuring Length - Division (Through Grouping) - Finding Half and a Quarter - Place Value (Within 100)	Students will continue to build on their understanding of our number system to explore division through grouping, including halves and quarters. They will begin to understand the concept of a whole as being one object or one quantity and how this relates to real life. Students will use and understand the language of length such as long, longer, short, shorter, tall, taller. They will recognise this language will change depending on what type of length they are describing and comparing. They will also extend their mathematical knowledge by linking place value with numbers within 100, using addition and subtraction to extend their learning.
4	How does Maths relate to the real world?	- Place Value (Within 100) - Money - Time - Addition and Subtraction - Counting in 3s - Multiplication and division	This will lead into a unit on time, where the students are introduced to telling the time to the hour using an analogue clock. They learn the language of o'clock and understand the hour hand is the shorter hand, and the minute hand is the longer hand. Students read the time to the hour and know when the minute hand is pointing upwards to the number 12 it is an o'clock time and understand that they need to look at the hour hand to see which hour it is. Students will also revisit money from primary school and will learn the skill of how to give change and apply this to real-life situations. Their knowledge on addition and subtraction will be extended using comparing value within different calculations. Students will make the connection between repeated addition and multiplication by recognising equal groups.