



Curriculum Vision

Maths

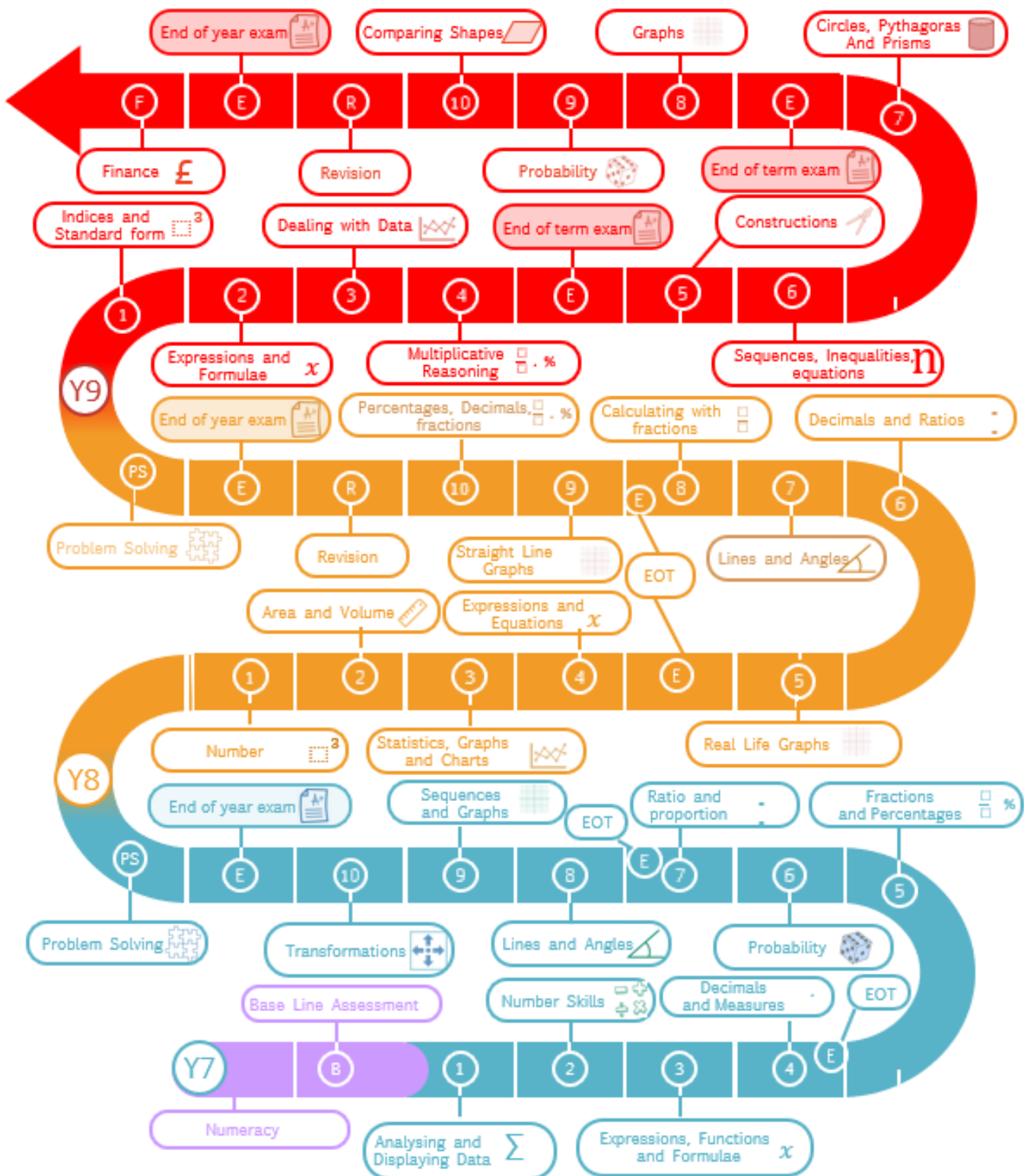
Learning the language of Mathematics at Oak Academy gives all students the opportunity to explore the different mathematical concepts they need to be successful in everyday life. Students will learn different skills and concepts that build to form a deep knowledge and understanding of the subject. Allowing students to be successful both in school and in their future.

The Maths curriculum at Oak Academy aims to:

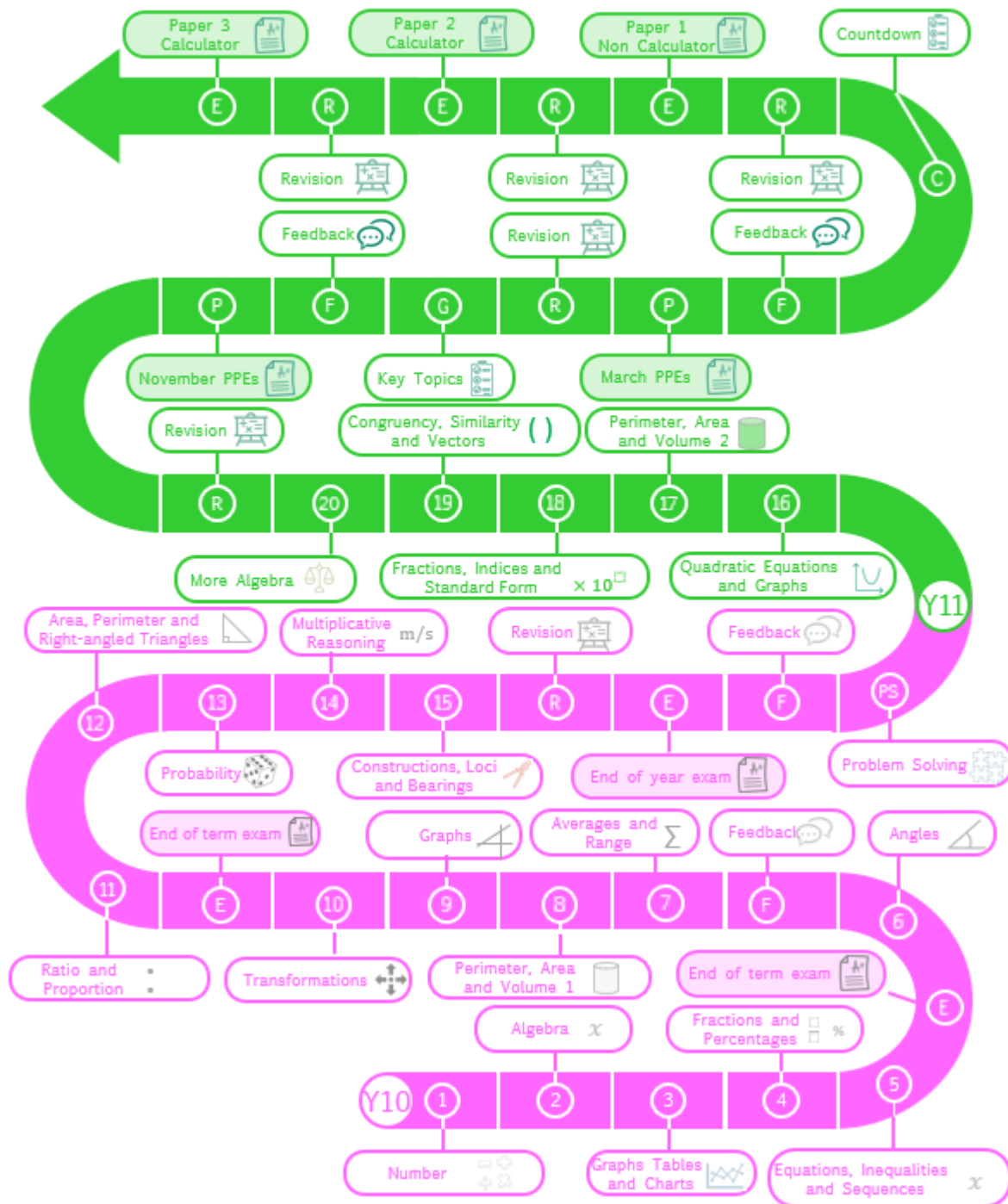
- give all students a **broad and balanced** curriculum that prepares students with the mathematics skills they need not just for exams **but** for life, and unlocks the potential for future study, in further education, training and employment, whether a student wishes to study the subject further or as a support to other subjects.
- provide a curriculum that meets the needs of all students, ensuring **appropriate support, stretch and challenge**. We aim for students to become strong problem solvers who can adapt any skills and concepts to different problems.
- plan a **well-sequenced and coherent curriculum** that supports the progressive development and consolidation of interconnected knowledge through high quality teaching and learning, every lesson, every day. By sequencing the lesson students can build on retained knowledge and learn to use skills across different concepts.
- deliver an **engaging and inspiring** curriculum that empowers pupils to achieve their true potential. We want students to develop a passion for the subject. And understand the importance of mathematics in their future lives and the world around them. From fractals to computer games.
- enhance the curriculum to **nurture an intrinsic passion for learning**; support personal, social, spiritual, emotional development; inspire creative and critical thinking; and improve independent study skills. For students to understand the mathematical links in the natural world and how mathematics is a language in its own right.
- establish equality and diversity throughout an **inclusive curriculum** that represents and empowers pupils to be confident, proud, productive citizens in their local, national, and global community.
- offer a range of **enriching activities** to develop student experience beyond the academic and encourage wider participation and engagement. Including STEM trips, visit to Bournemouth University with the Maths Network. Chess club.

During their five years with us students will learn to make links between different mathematical ideas and concepts and how to apply them to solving problems in and out of the classroom.

KS3 - Maths



KS4 – Foundation Tier - Maths



KS4 – Higher Tier - Maths

