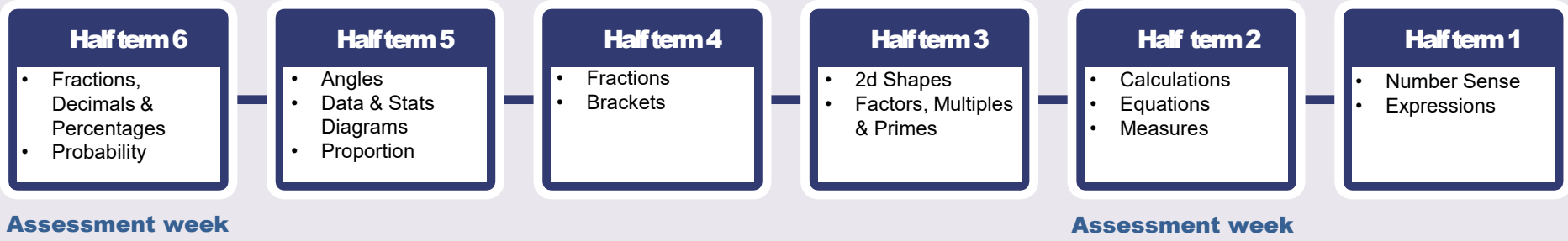


Maths (Higher) Curriculum Map: Year 7 to Year 11

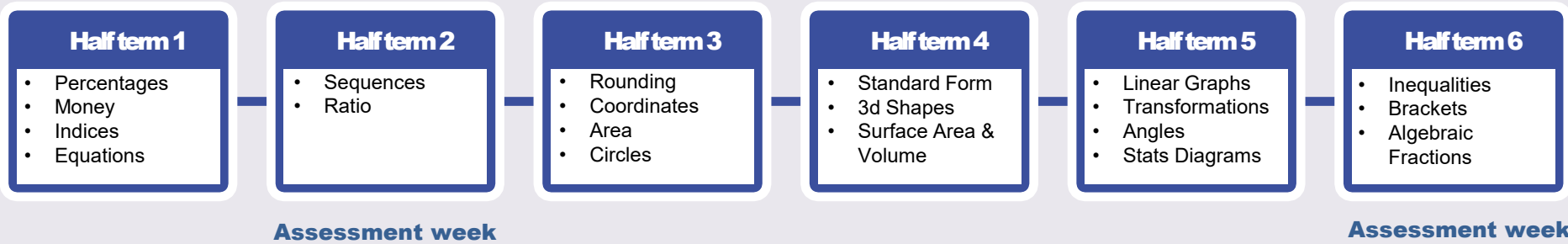
Note: All students follow the same pathway until the end of Half term 4 Year Ten

Key Stage 3

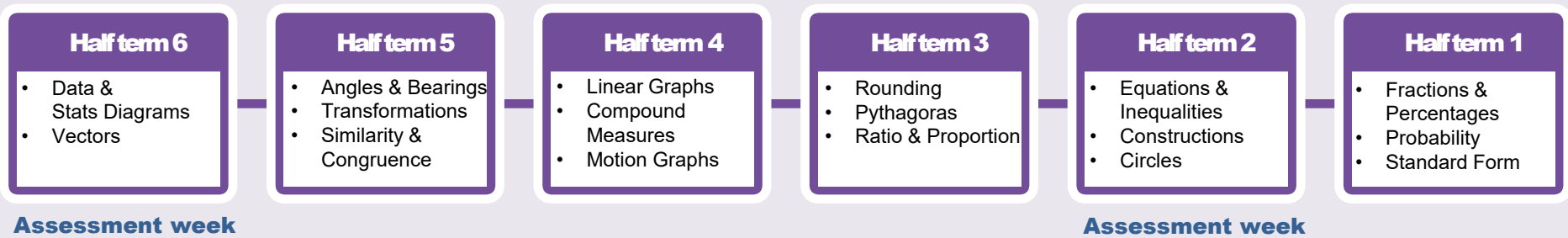
Year Seven



Year Eight

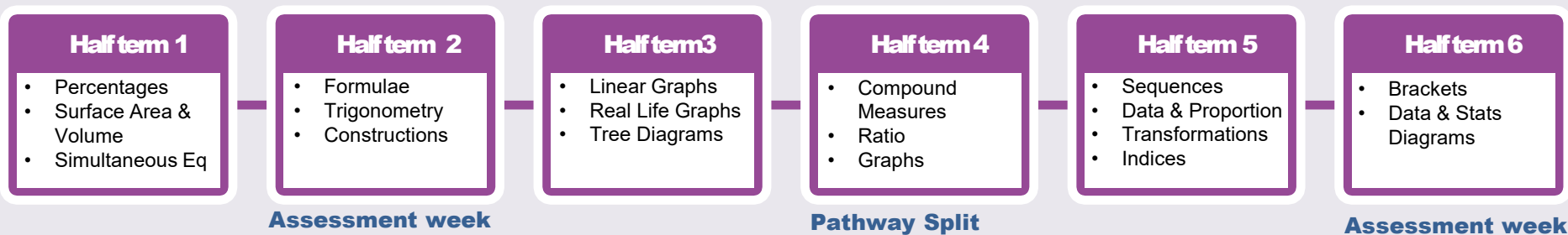


Year Nine

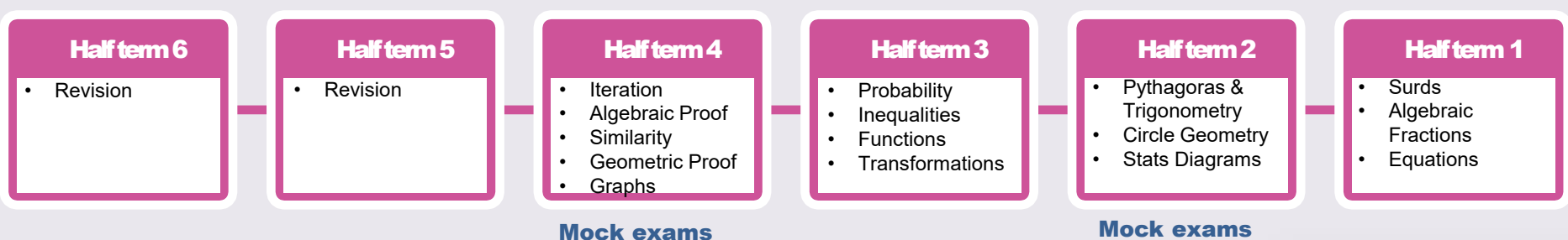


Year Ten

Key Stage 4 – GCSE



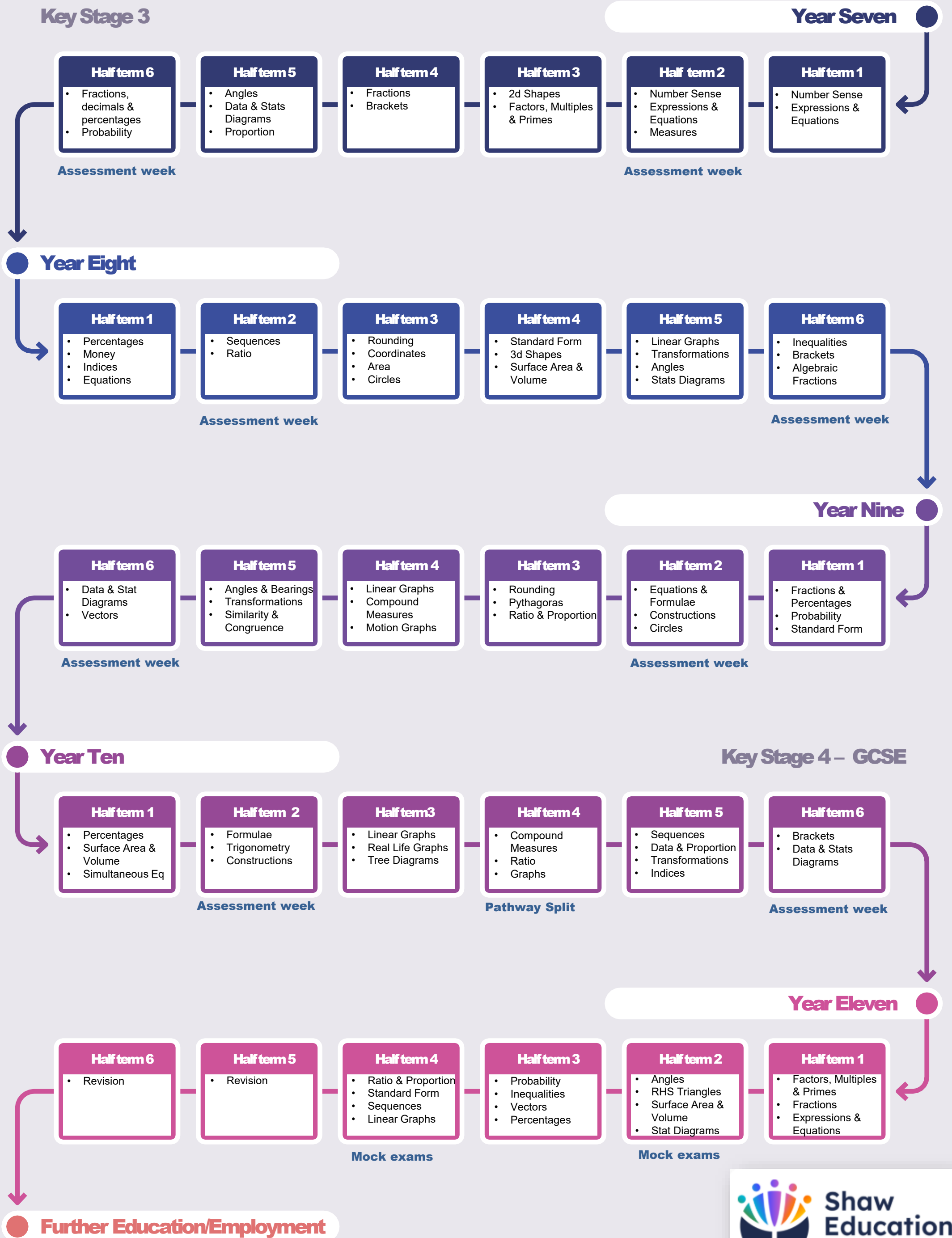
Year Eleven



Further Education/Employment

Maths (Foundation) Curriculum Map: Year 7 to Year 11

Note: All students follow the same pathway until the end of Half term 4 Year Ten



Maths Curriculum

Rationale

Our mathematics curriculum is designed to help every pupil succeed and enjoy learning. Topics build on prior knowledge and are carefully sequenced to ensure understanding and meaningful progress.

We focus on step-by-step teaching, regular practice, and personalised support, helping pupils master concepts and make connections across mathematics, including real-world applications. This approach nurtures confidence, curiosity, and resilience, supporting pupils to make steady progress and develop a lifelong appreciation of mathematics.

Intent

At the Westleigh School, our intent is to provide a high-quality mathematics education that is accessible to all pupils and enables every learner to achieve their full potential. We want pupils to develop confidence, curiosity, and enjoyment in the subject, building strong foundations that will support them throughout their education and beyond.

Our curriculum helps pupils to think logically, reason mathematically, and solve problems with creativity and resilience. We also aim for pupils to understand how mathematics connects to the wider world – from science and technology to finance and everyday life – so that they recognise its value and importance in shaping their futures.

Implementation

Our mathematics curriculum follows a five-year journey from Year 7 to Year 11. Lessons are carefully planned to revisit and build upon what pupils have already learned, helping them to develop a deep and lasting understanding of key mathematical ideas.

Pupils study a broad range of topics including Number, Algebra, Ratio and Proportion, Geometry, Probability, and Statistics. Each topic is taught in a way that encourages pupils to:

- Practise skills regularly so that they become fluent.
- Think deeply and reason about what they are learning.
- Apply their knowledge to solve problems and explore new ideas.

Every lesson includes opportunities to recall previous learning, and time is given for pupils to discuss methods and explain their reasoning.

Homework is set through Sparx Maths, which provides personalised tasks matched to each pupil's ability. This helps pupils to strengthen their understanding, improve recall, and take responsibility for their learning. Teachers use the information from Sparx to monitor progress and provide extra support when needed.

Pupils are assessed regularly through low-stakes quizzes, in-class activities, and formal assessments each year. These assessments are designed to check understanding, identify any gaps in knowledge, and celebrate progress.

Impact

By following this curriculum, pupils at The Westleigh School become confident, capable, and resilient mathematicians. They are able to apply their skills to other subjects and to everyday situations, and they develop a strong sense of achievement and enjoyment in mathematics.

Our aim is for every pupil to:

- Achieve their full potential in mathematics.
- Feel confident using maths in real-life contexts.
- Recognise the value of maths in education, employment, and the wider world.
- Be inspired to continue studying mathematics beyond school.

We are proud to offer a curriculum that supports all pupils to build firm foundations, grow in confidence, and develop a lifelong appreciation of the beauty and usefulness of mathematics.