Maths is lead by Ms Stickens.

"The only way to learn mathematics is to do mathematics," Paul Halmos,

True mathematical learning comes from tackling challenges, building skills through practice, and discovering.

We aim to provide a high-quality maths education- teaching children concepts, skills and thinking strategies that are essential in everyday life and support learning across the curriculum.

Our vision for mastery maths is to foster a deep, long-term, and adaptable understanding of mathematics, where all pupils—regardless of background—believe they can succeed.

Our Mastery Vision:

High Expectations for All: We reject the notion that some people "cannot do maths." We believe everyone can master concepts through hard work and consistent support.

Deep Conceptual Understanding: Moving beyond rote learning, we use a concrete, pictorial, and abstract (CPA) approach to ensure pupils truly understand what they are doing, not just how to follow a procedure.

Whole-Class Teaching: The class moves through content together, ensuring no one is left behind, with instant intervention to address misconceptions.

Fluency and Reasoning: We develop numerical fluency while cultivating the ability to reason, explain mathematical thinking using precise language, and solve complex problems.

Cohesion and Structure: We promote a "number sense" first approach, ensuring that mathematical knowledge is built cumulatively year by year.

Build Confidence and Resilience: Through regular practice and overcoming challenges, children develop persistence in solving problems.

Use Mathematical Tools: Children gain experience with concrete materials (e.g., counters, blocks) and abstract representations to deepen their understanding.

Our positive teacher mindsets and strong subject knowledge are key to our student's success in mathematics. Our staff have clear high expectations and there is an emphasis of the value

of mathematics in our school and the outside world. Pupils are encouraged to build confidence and resilience through the teaching of numeracy.

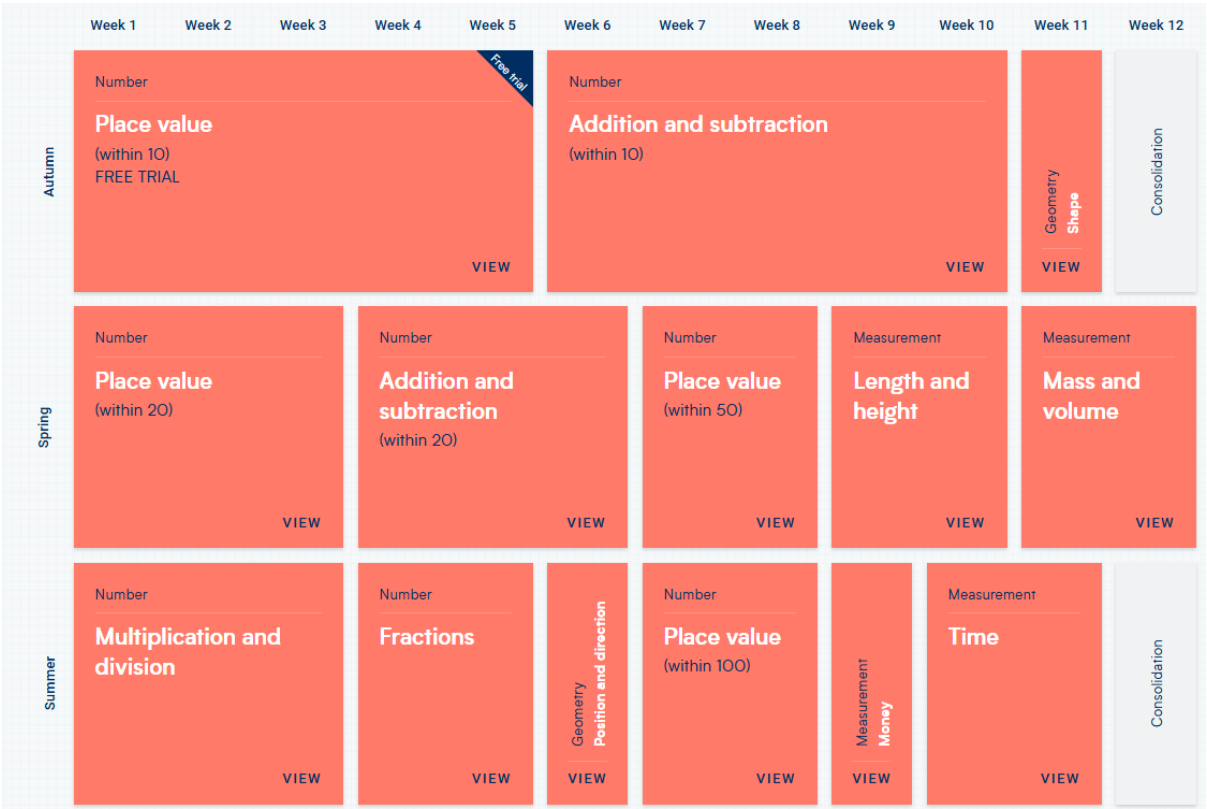
At Teynham Parochial CE Primary School we teach Maths daily through adopting and adapting The White Rose Mastery scheme which follows the National Curriculum.

In EYFS and Key Stage 1 we follow a maths mastery of Number programme - whole-school approach (NCETM's [Mastering Number] project) designed to develop deep, long-term conceptual understanding of mathematics, rather than rote memorization. It focuses on mastering key number facts, fostering number sense, and building confidence in Years R-2.

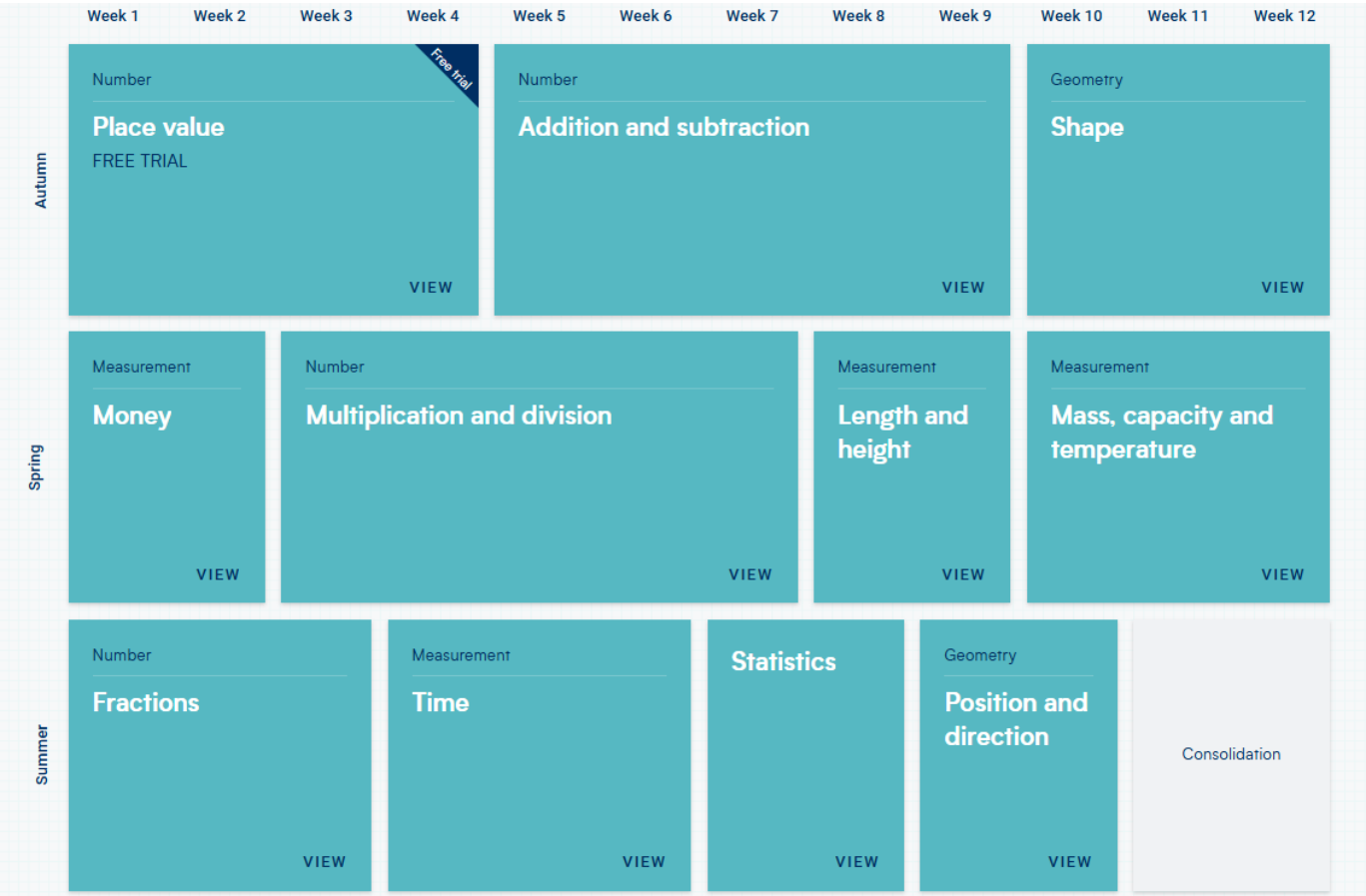
Home learning

Teachers select key learning tasks which children would have learnt in the week. Children will practice and master, supporting a deeper understanding. Children are participants of Times Table Rockstar's and Numbots. All children at Teynham are given log ins and encouraged to use to support their maths learning.

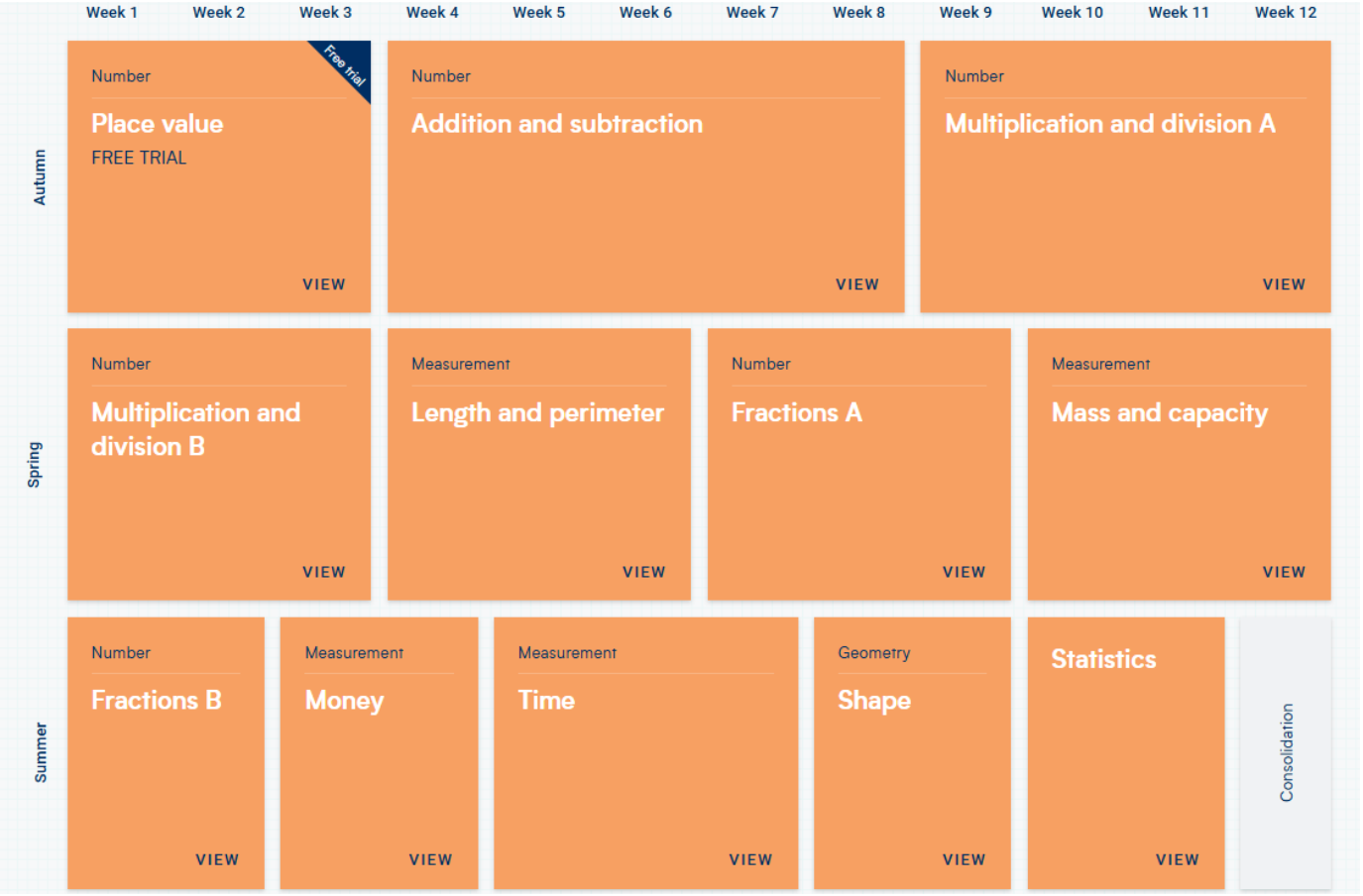
Year 1 overview



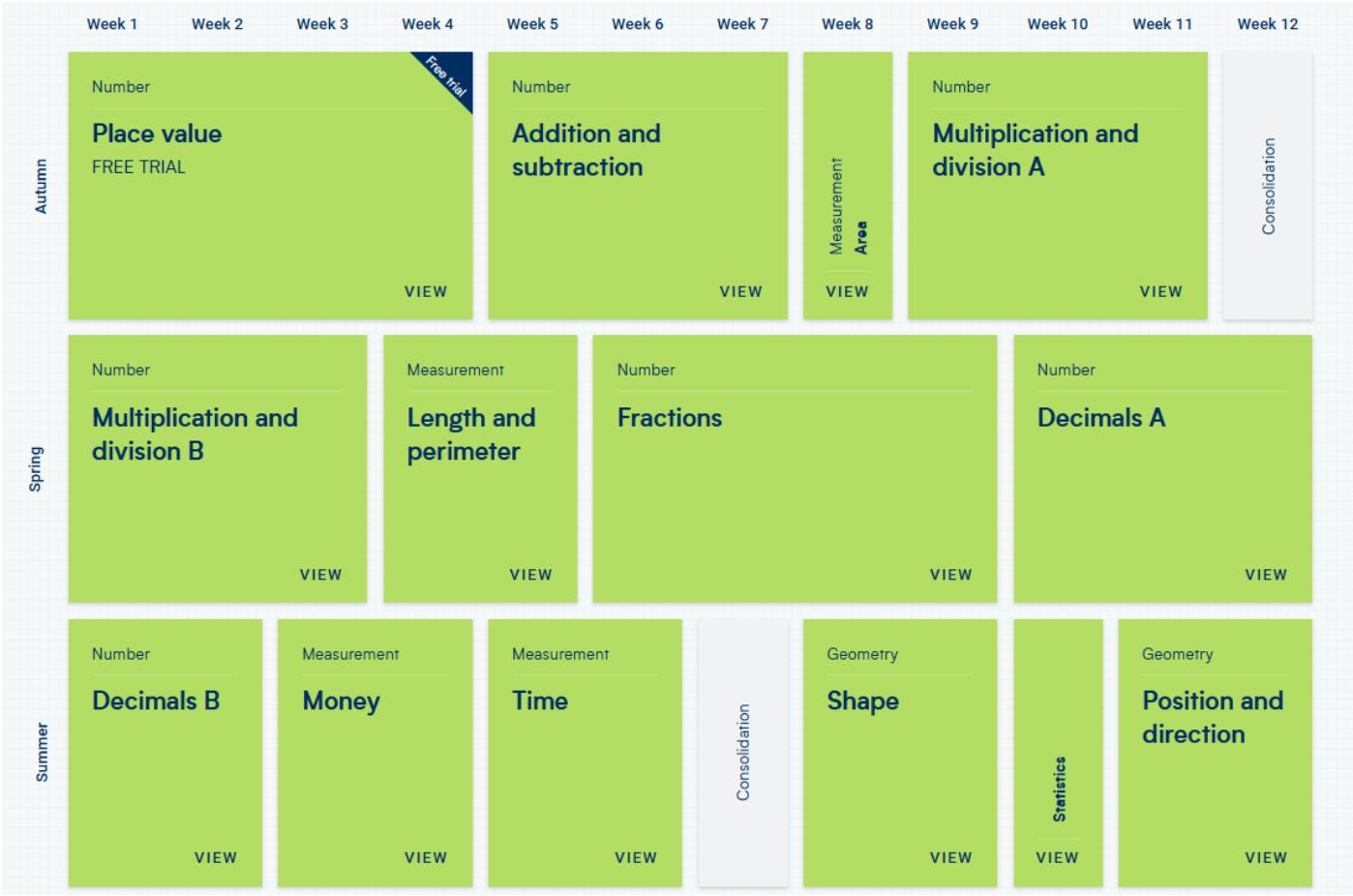
Year 2 Overview



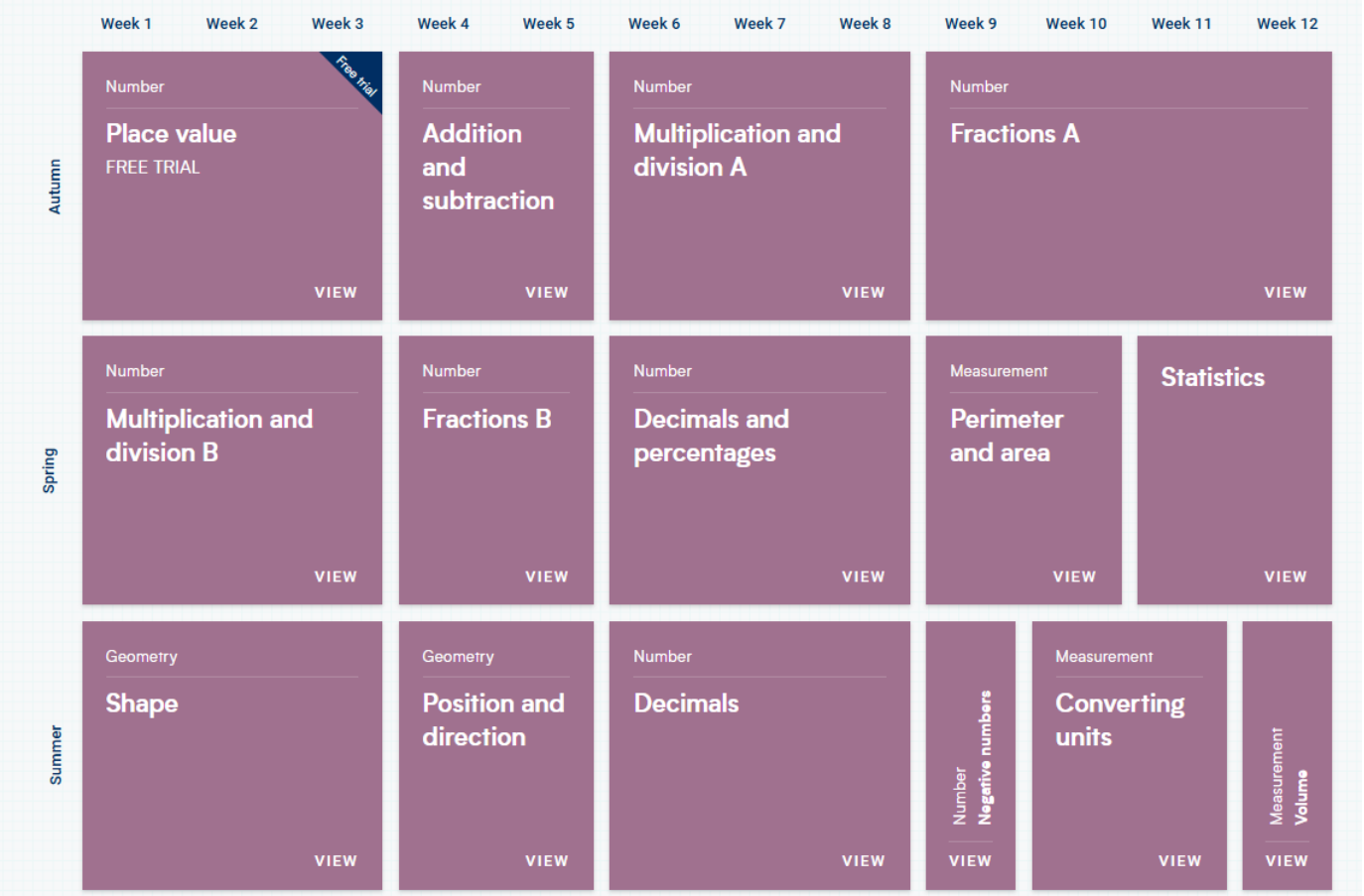
Year 3 Overview



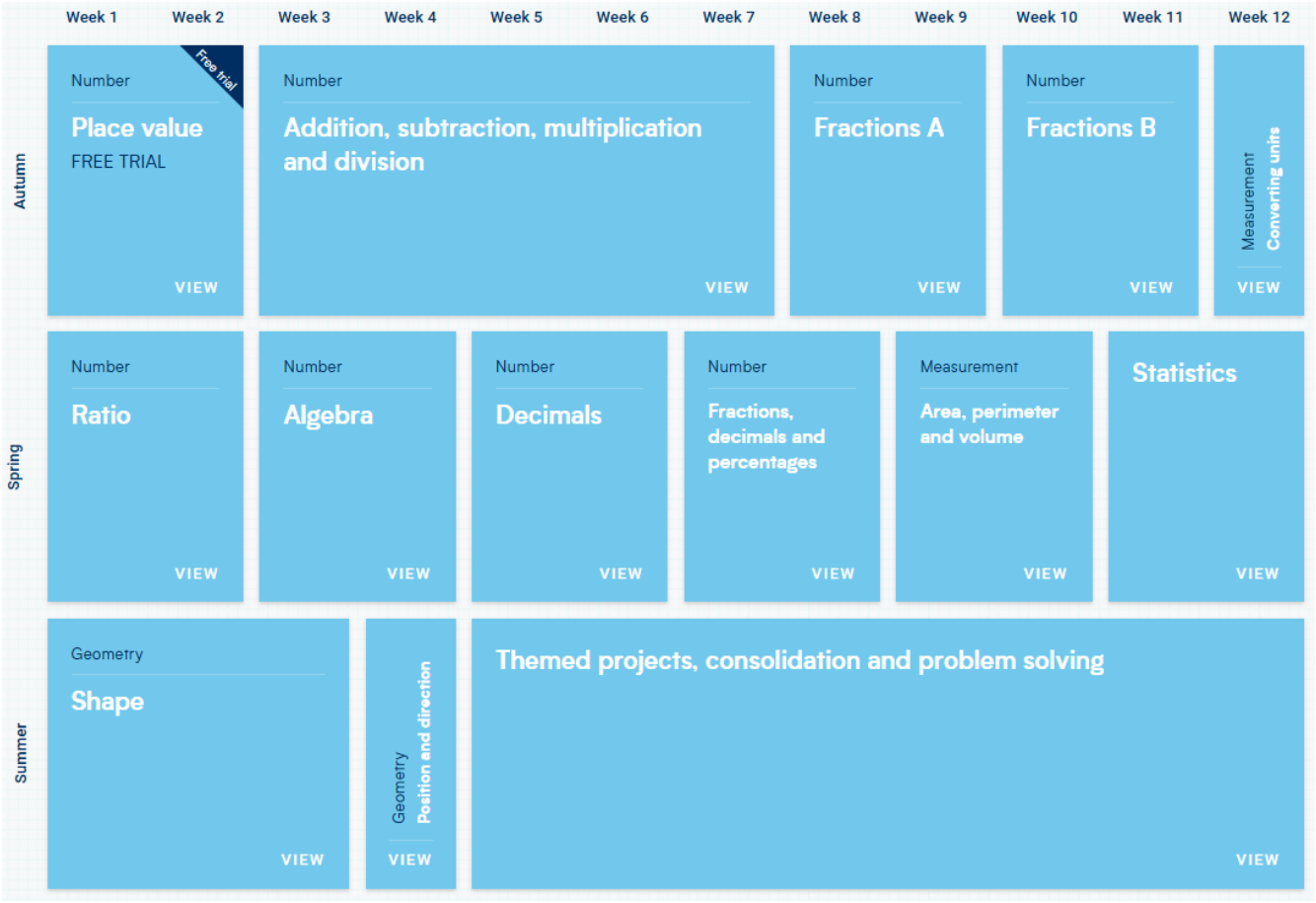
Year 4 Overview



Year 5 Overview



Year 6 Overview



White Rose resources

On the White Rose website, you will find a mini-series called 'Maths with Michael'. Here you can watch some short informative video clips and there are some printable resources to give further information about how we teach maths

https://whiteroseeducation.com/parent-pupil-resources/maths/maths-with-michael

Links

Mathematics programmes of study: key stages 1 and 2

https://assets.publishing.service.gov.uk/media/5a7da548ed915d2ac884cb07/PRIMARY_national_curriculum_-_Mathematics_220714.pdf

National curriculum and 'Ready to progress mapping '

https://assets.whiteroseeducation.com/new-schemes/NEW%20NC%20RTP%202024.pdf

Calculation policy

https://assets.whiteroseeducation.com/new-schemes/WRM%20calculation%20policy%202024%20All%20year%20groups.pdf

Vocabulary progression document

https://assets.whiteroseeducation.com/new-schemes/Primary%20maths%20-%20Vocabulary%20progression.pdf

Multiplication tables check

"The multiplication tables check (MTC) is statutory for all year 4 pupils. The purpose of the MTC is to determine whether pupils can recall their times tables fluently. It is designed to help schools to identify pupils who have not yet mastered their times tables, so that additional support can be provided" (DfE, 2023).

This check takes place in June and children complete the test using an iPad. They are given time to practise throughout the year so that they are familiar with the format.

Class teachers will discuss this further with parents during their Year 4 curriculum meeting and at parents' evenings.

For more information click here
https://www.gov.uk/government/collections/multiplication-tables-check

Times table support:

https://www.themathsfactor.com/times-tables-check/#/

https://mathsframe.co.uk/en/resources/resource/477/Multiplication-Tables-Check

https://www.timestables.co.uk/multiplication-tables-check/

https://www.timestables.co.uk/speed-test/

Useful websites:

https://www.bbc.co.uk/bitesize/subjects/zjxhfg8

https://www.bbc.co.uk/bitesize/subjects/z826n39

https://www.primarygames.com/math/

https://www.topmarks.co.uk/maths-games/hit-the-button

https://www.mathsisfun.com/

https://nrich.maths.org/topics-mathematics-primary-students

https://mathszone.co.uk/

https://www.bbc.co.uk/cbeebies/topics/numeracy

https://www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths

https://home.oxfordowl.co.uk/maths/maths-at-home/

https://whiteroseeducation.com/
https://polypad.amplify.com/p
https://mathszone.co.uk/calculating/hit-the-button-topmarks/
https://ttrockstars.com/