

AUTUMN TERM

- Deeper thinking starters using problem solving questions and variety. Full year.
- Data: Analysing, averages and displaying.
- Number: Negatives, factors, factor trees, multiples and types of.
- Finance: Time and Money.
- Algebra: Expressions, functions, formulae and substitution.
- Baseline testing 1st and 2nd October 2021.
- STEM: Units (Science).
- Shape: Decimals, area, perimeter and measure.
- Maths enrichment club.
- Maths Project: Product Wars.
- Problem Solving: Value for Money.
- Great mathematics: Egyptian numbers and their multiplication system (History).
- KS3 Numeracy/literacy. Halloween murder mystery. Twelve days of Christmas.
- Recall, assessment and review.

SPRING TERM

- Number: Fractions and percentages.
- Data: Probability and outcomes.
- EFIT 29th January 2021
- Ratio: Sharing and proportionality.
- Finance: Expected Outcome.
- Maths Project: Design The Mascot
- Problem Solving: Holidays.
- Great mathematics: Number systems through history including binary and hexadecimal
- Careers: Product development cycle (car).
- Royal Institute Lecture. The curious incident of the never-ending number. 2006 Pt1.
- KS3 Numeracy. Easter maths challenge.
- Recall, assessment and review.

SUMMER TERM

- Shape: Lines and angles in polygons.
- STEM: Calculating Angles (Science).
- Algebra: Sequences, graphs and coordinate geometry.
- Shape: Transformations.
- Maths Project: Water Availability.
- Problem Solving: Recipes.
- Great mathematics: Platonic solids (Science).
- Royal Institute Lecture. The story of the elusive shapes. 2006 Pt2.
- KS3 numeracy activity. Misleading data.
- Recall, assessment and review.