GCSE Maths Scheme of Work

6 Week Trial

GCSE Maths

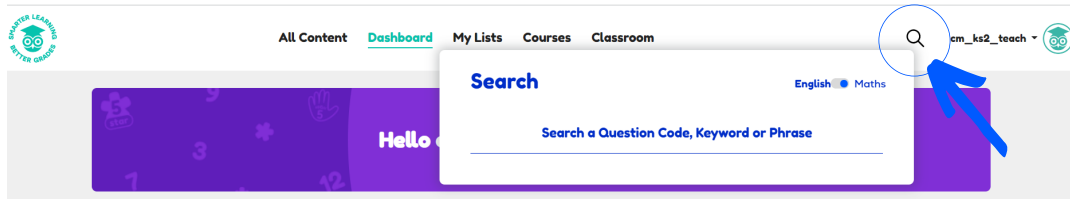## 6 WEEK TRIAL SCHEME OF WORK

How to use this scheme of work?

These schemes of work have been created from our **6 Weeks To a Grade 4 course,** designed for your students by our expert examiners to take weekly units across a range of topics. In this booklet, you'll find **6 units of work,** each with a number of subtopics so your students are able to practise a good range of work.

To utilise this within your trial you can **add all of the questions in each unit to one list** and then **assign your class or focus group the list** as an assignment for them to complete. In doing so you will be able to track who has completed the work, their progress and where their challenges may be.
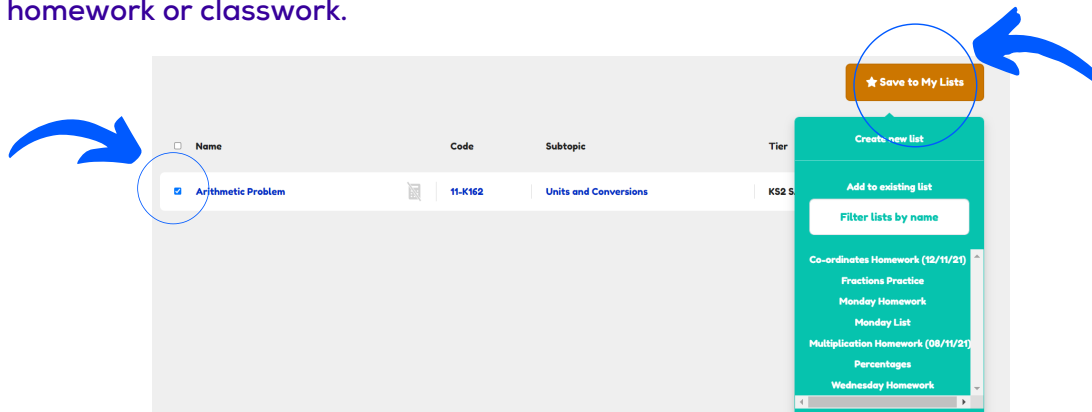
Finding the questions

- Each question has a **unique question code reference number.**
- The question code will look similar to this: 11-K162
- You can find these questions and add them to a list by **using the Search Function.**
- Click the magnifying glass in the top right-hand corner of the page and enter the question code from the units listed on the next pages to find the corresponding question.

Saving to My Lists

- Once you have found the question you can then select the question using the **multi-select button** and **add it to a list via the orange 'save to my lists' button.**
- Create a list for each unit which you can then assign to your class for their homework or classwork.

For more information on how to create assignments watch our tutorial videos here.

Unit 1

Shapes and Area

- Algebra- **Question code: 10-FSB1**
- Properties of 2D Shapes- **Question code: 22-F18J2**
- Transformations- **Question code: 13-F17J2**

Algebra

- Algebra- **Question code: 3-F17J1**
- Algebra- **Question code: 10-FSA2**
- Factorising- **Question code: 14-F17J2**
- Expanding brackets - **Question code: 22-FSA1**
- Patterns- **Question code: 11-F17J1**
- Algebra- **Question code: 18-FSA2**

Number

- Multiples, Factors and Prime Factors- **Question code: 11-F18J1**
- Standard Form- **Question code: 8-HSA3**
- Number machines- **Question code: 7-FSA3**

Probability and Statistics

- Pie Chart- **Question code: 14-F17J1**
- Scatter Graph- **Question code: 21-F17J1**
- Frequency Tree- **Question code: 17-FSA1**

Ratio, Proportion and Rates of Change

- Ratios- **Question code: 7-F18J3**

Unit 2

Number

- Estimating- **Question code: 22-F18J1**
- Fractions, Decimals and Percentages- **Question code: 14-F18J1**
- Probability- **Question code: 21-FSB1**
- Percentage Increase- **Question code: 17-FSB1**
- Multiplying and Dividing with Decimals- **Question code: 17-F18J2**
- Decimal multiplication- **Question code: 21-FSA1**
- Bounds and Percentages- **Question code: 23-F17J3**
- Standard Form- **Question code: 15-F17J2**
- Money Problem- **Question code: 12-FSB3**
- Fractions and percentages - **Question code: 17-FSB3**
- Cost Comparison- **Question code: 10-F17J2**

Algebra

- Weight Problem- **Question code: 17-F17J1**

Probability and Statistics

- Mean and Mode- **Question code: 27-FSA2**

Shapes and Area

- Area Of Shapes- **Question code: 15-F17J1**
- Arithmetic- **Question code: 3-FSB1**

Angles and geometry

- Vectors - Examples- **Question code: 26-F18J1**

Ratio, Proportion and Rates of Change

- Percentage Increase - **Question code: 20-F17J1**
- Mass, Density, Volume- **Question code: 20-F17J3**
- Distance, Speed Time- **Question code: 20-F17J2**

Unit 3

Number

- Estimation- **Question code: 18-F17J1**
- Standard Form - **Question code: 18-F18J3**
- Money - Problem. **Question code: 17-FSA2**
- Currency Conversions- **Question code: 14-F17J3**

Algebra

- Factorising- **Question code: 20-FSA2**
- Algebra - Problem. **Question code: 24-F17J1**
- Angles- **Question code: 9-F17J2**
- Algebra - Problem. **Question code: 24-FSB3**

Probability and Statistics

- Probability - **Question code: 17-F17J2**

Shapes and Area

- Area of a Circle -Problem. **Question code: 28-FSB2**
- Elevation Drawings- **Question code: 19-F17J2**
- Transformation- **Question code: 29-FSA1**

Ratio, Proportion and Rates of Change

- Ratios- **Question code: 16-F18J3**
- Ratio- **Question code: 18-F17J2**
- Speed, Density and Pressure- **Question code: 25-F18J2**
- Currency Calculations- **Question code: 19-FSA3**

Unit 4

Shapes and Area

- Volume and Surface Area- **Question code: 12-F17J3**
- Volume - Problem. **Question code: 14-FSA2**
- Fractions - **Question code: 7-FSA2**
- Transformation- **Question code: 22-FSB2**

Angles and Geometry

- Regular Polygon- **Question code: 19-F17J3**
- Loci, Scale Drawing- **Question code: 16-F17J2**

Algebra

- Formula- **Question code: 14-FSB3**
- Inequality- **Question code: 20-FSB3**

Number

- Inequality- **Question code: 20-FSB3**
- Error Interval- **Question code: 25-FSB3**
- Arithmetic - Problem. **Question code: 15-FSB2**

Probability and Statistics

- Venn Diagram- **Question code: 15-F17J3**

Ratio, Proportion and Rates of Change

- Compound Interest- **Question code: 22-F17J2**
- Area and Mass- **Question code: 23-FSB1**
- Algebra/Expression- **Question code: 18-FSB1**
- Ratios- **Question code: 23-F18J2**
- Gallons and Litres- **Question code: 20-FSB2**

Unit 5

Shapes and Area

- 3D Shapes - Volume. **Question code: 26-F18J2**
- Perimeter And Areas-**Question code: 23-F18J1**
- Perimeter And Areas-**Question code: 21-F18J3**
- Trapezium/Circle Area- **Question code: 18-FSA3**

Algebra

- Algebra - Problem-**Question code: 17-FSA3**
- Algebraic - Problem- **Question code: 13-F17J3**
- Algebraic Equations-**Question code: 11-F17J3**
- Algebra-**Question code: 19-FSA1**
- Solving Equations- **Question code: 17-F18J3**

Number

- Mean, Median, Mode and Range 2- **Question code: 21-F18J1**
- Upper and Lower Bounds-**Question code: 23-F17J2**

Probability and Statistics

- Samples- **Question code: 27-FSA1**
- Sets and Venn Diagrams- **Question code: 18-F18J1**

Ratio, Proportion and Rates of Change

- Simple Interest- **Question code: 13-FSB2**
- Percentages- **Question code: 20-FSA1**
- Ratio- **Question code: 18-FSB2**
- Ratio/Percentages- **Question code: 25-FSA1**
- Ratio- **Question code: 22-FSB3**
- Distance/Speed/Time- **Question code: 24-FSA1**

Unit 6

Angles and Geometry

- Angles- **Question code: 13-FSB3**
- Angles in Polygons-**Question code: 26-F18J3**
- Angles-**Question code: 13-FSA3**
- Trigonometry-**Question code: 24-FSA2**
- Pythagoras Theorem-**Question code: 25-F17J1**

Algebra

- Sequences- **Question code: 24-FSB1**
- Algebra Problem- **Question code: 28-FSA1**
- Simultaneous Equations- **Question code: 16-F17J3**

Probability and Statistics

- More Probability- **Question code: 24-F18J3**

Shapes and Area

- Sketch**- Question code: 15-FSA1**
- Area – Problem. **Question code: 22-FSA2**
- 3D Sketch- **Question code: 26-FSA1**

Number

- Utility Bills- **Question code: 22-FSA3**
- Ratio- **Question code: 12-FSB1**
- Weight – Problem. **Question code: 14-FSA3**

Ratio, Proportion and Rates of Change

- Ratio- **Question code: 23-FSA2**
- Ratios 2- **Question code: 20-F18J1**
- Distance/Speed/Time- **Question code: 26-FSA2**
- Distance, Speed, Time- **Question code: 16-FSB2**