



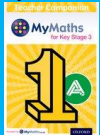
MONTSAYE MATHEMATICS HOME LEARNING SUPPORT Year 7 Foundation



You currently need to do your learning from home. There is a range of resources ready for you to use on the topics you have been studying in your **Maths** lessons. The tables below contain links to the relevant topics on the Kerboodle website with the relevant text books and support videos.

- Work out which term we are in by checking the date.
- Work out which set you are in (after year 7 have been put into sets)
- Log onto Kerboodle using your first name initial and your surname. Your password is what you set it as (initially it is the same as your login). Eg: Isaac Newton would be INewton. The institution code is fry0
- Find out which lesson you are on and watch the video that goes with that lesson. Complete the questions on the right hand page for the lesson.
- *If you need to email your teacher type their initial and surname + @montsaye.northants.sch.uk msmith/ msipple / jellis / gurwin / shoche / rpierce / gbaria / jmayers / tgrowcock / lfernandez*

Lessons usually include a video explaining the main ideas and then you need to follow instructions to complete some written work. Remember, if you need extra support you can go to www.mymaths.co.uk and type the code on the text book page (the links are mostly in the table), re-watch the video, email your teacher, check another source such as BBC bitesize, if you forget your password for www.mymaths.co.uk then email your teacher asking for it.

| | Term 1: Sep-Oct | Term 2: Nov-Dec | Term 3: Jan- Feb | Term 4: Feb-Mar | Term 5: Apr-May | Term 6: Jun-Jul |
|---|---|--|--|---|--|---|
| Year 7 Foundation 7xMa4 7yMa3  | 1a. Place value 1b. Ordering whole numbers 1c. Place value and decimals 1d. Decimals and money 1e. Adding decimals 1f. Temperature 1g. Rounding and estimating 1h. Order of operations 2a. Measuring lines 2b. Reading scales 2c. Time 2d. Shapes 2e. Perimeter 2f. Area 2g. Metric units 3a. Using letters 1 3b. Using letters 2 3c. Adding with symbols 3d. Simplifying expressions 3e. Substitution 3f. Creating a formula | 4a. Writing fractions 4b. Equivalent fractions 4c. Improper fractions 4d. Fractions of an amount 1 4e. Fraction of an amount 2 4f. Percentages 4g. Finding percentages 4h. Fractions, decimals and percentages 5a. Angles 5b. Adding angles 5c. Measuring angles 5d. Finding angles at a point 5e. Calculating angles 5f. Properties of triangles 5g. Angles in a triangle 5h. Compass turns 6a. Coordinates 6b. Coordinates with negative numbers 6c. Reading graphs 6d. Line graphs 1 6e. Line graphs 2 7a. Mental methods of addition 7b. Mental methods of subtraction 7c. Written addition and subtraction 1 7d. Written addition and subtraction 2 | 8a. Planning and collecting data 8b. Organising data 8c. Reading lists and tables 8d. Reading and drawing pictograms 8e. Reading and drawing bar charts 8f. Reading pie charts 8g. Reading diagrams 8h. Averages – the mode 8i. Averages – the median 8j. Comparing data – range and average 9a. Lines of symmetry 9b. Reflection 9c. Translation 9d. Rotation 9e. Tessellations 10a Operations 10b. Inverse operations 10c Using letters 3 10d. Equations 1 10e. Equations 2 | 11a. Factors 11b. Multiples 11c. Tests of divisibility 11d. Square numbers 12a. 3D shapes 12b. Nets and cubes 12c. Nets and other 3D shapes 12d. 2D representations of 3D shapes 12e. Measuring and drawing angles 12f. Drawing a triangle 12g. Introducing circles | 13a. Sequences 13b. Describing sequences 13c. Using rules 13d. Sequences with negative numbers 14a. Multiplication 14b. Multiplying by 10 and 100 14c. Mental methods of multiplication 14d. Written methods of multiplication 14e. Mental methods of division 14f. Division problems 14g. Written methods of division 14h. Calculator skills | 15a. Ratio and proportion 15b. Ratio and proportion problems 15c. Solving arithmetic problems 15d. Scale drawings 16a. Introducing probability 16b. The probability scale 1 16c. The probability scale 2 16d. Sorting with Venn diagrams |