



- C**heck what you have missed
- A**sk your teacher or buddy for help
- T**ake work home to catch up
- C**opy up missed work
- H**and work in to show your teacher

If you miss any lessons in Maths you need to catch up on the topics, you have missed. You can find work on the topics at www.corbettmaths.com. You can also access resources using this link to find videos and textbook questions using the specific video number.

| Chapter 1 - Expressions | Video |
|--|------------|
| Review of the four operations with negative numbers. | |
| Add and subtract expressions by collecting like terms. | 9 |
| Write expressions for perimeter and length. | 114 |
| Collect like terms involving indices. (E) | |
| Multiply variables and use index notation. | 17 |
| Use the multiplication law of indices. | 174 |
| Expand single brackets. | 13 |
| Factorise expressions. (E) | 117 |
| Simplify fractions involving variables. (E) | 24 |
| Write expressions with and without context. | 16 |
| Chapter 2 - Angles | Video |
| Recognise types of angles, estimate and measure angles. | 29, 31, 38 |
| Calculate missing angles on straight lines and around a point. | 30, 35 |
| Recognise corresponding angles around parallel lines. | 25 |
| Recognise alternate angles around parallel lines. | 25 |
| Recognise co-interior angles around parallel lines. | 25 |
| Recognise types of triangles and know the angle properties of triangles and quadrilaterals | 33, 37 |
| Calculate missing angles in these shapes. | |
| Chapter 3 - Formulae | Video |
| Know the difference between an expression and a formula. | |
| Write formulae to describe relationships. | |
| Substitute positive and negative numbers into formulae. | 20 |
| Change the subject of a formula requiring one operation. | 7 |

| Chapter 4 - Area & Volume | Video no. |
|--|---------------|
| Review how to find the area of rectangles, squares, parallelograms and triangles. | 44, 45, 49 |
| Recognise parts of a circle and find the area of a circle. | 40 |
| Calculate shaded areas and write expressions for the area of shapes. | |
| Know the names of 2D polygons and 3D solids. | 1, 3 |
| Recognise pyramids and prisms. | |
| Identify the faces, vertices and edges of solids. | 5 |
| Recognise the net of a solid | 4 |
| Work out the surface area of solids made of cubes and cuboids. | 310 |
| Calculate the volume of solids, cuboids, prisms and cylinders. | 355 |
| Chapter 5 - Equations | Video no. |
| Solve one step equations involving four operations and negative numbers. | 110 |
| Solve equations involving two operations. | 110 |
| Set up and solve equations in the context of angles and area. | 115 |
| Chapter 6 - Number theory & sequences | Video no. |
| List the factors of a number. | 216 |
| Find the highest common factor of a pair. | 224 |
| Identify prime numbers. | 225 |
| Write a number as a product of prime factors. | 223 |
| Recognise multiples of a number. | 220 |
| Find the lowest common multiple of a pair. | 218 |
| Recognise factors, multiples, primes, squares and cubes. | 212, 220, 226 |
| Recognise expressions that generate odd and even numbers and those that create a multiple of a number. | 286 |
| Identify and use the term to term rules for arithmetic, geometric and fibonacci style sequences | 287a |
| Generate sequences from an nth term rule. | 288 |
| Write an expression for the nth term of an arithmetic sequence. | 288 |

| Chapter 7 - Functions, coordinates & graphs | Video no. |
|--|-----------------------------------|
| Recognise functions written in algebra and work out input and output values. | 186 |
| Plot co-ordinates in all four quadrants. Recognise the x and y values of co-ordinates. | 84 |
| Plot linear graphs parallel to the axes and that follow one and two step functions. | 192, 193 |
| Plot graphs of quadratic and cubic functions | 264, 344 |
| Read and use graphs. | |
| Chapter - 8 Statistics | Video no. |
| Recognise how surveys and sampling methods can be biased. | 281a |
| Record raw data into frequency tables, including grouped frequency tables. | |
| Recognise discrete, continuous, qualitative and quantitative data types. | 342, 343 |
| Draw and interpret pictograms, bar charts, pie charts and scatter graphs. | 147, 148, 161, 162, 163, 164, 165 |
| Read and interpret timetables. | 320 |
| Recognise how graphs can be misleading. | 160a |
| Calculate the mean, median, mode and range of a set of listed data. | 50, 53, 56, 57 |
| Work backwards from knowing an average to working out missing data items. | |

