

# Year 7 Support work

|             | Week 1                                  | Week 2                 | Week 3           | Week 4                  | Week 5            | Week 6                                  | Week 7                |  | Week 8  | Week 9                                      | Week 10         | Week 11          | Week 12              | Week 13                    | Week 14                   |
|-------------|---|------------------------|------------------|-------------------------|-------------------|---|-----------------------|--|---|---|-----------------|------------------|----------------------|----------------------------|---------------------------|
| Autumn Term | <u>Place value and parts of a whole</u> |                        | <u>Rounding</u>  |                         | <u>Estimation</u> |   | Catch up week         |  | <u>Multiplication</u>                         |   | <u>Division</u> | <u>Negatives</u> |                      | <u>Fractions</u>           |                           |
| Spring Term | <u>Addition and subtraction</u>         |                        | <u>Perimeter</u> | <u>Basic angles sum</u> |                   | <u>Generate a sequence term to term</u> |                       |  | <u>Factors and multiples</u><br><u>Primes</u> |   |                 | <u>Powers</u>    | <u>Standard Form</u> | <u>Order of operations</u> | <u>Using a calculator</u> |
| Summer Term | <u>Problem solving with fractions</u>   | <u>FDP equivalence</u> |                  | <u>Percent-ages 1</u>   |                   |   | <u>Percent-ages 2</u> |  |   | <u>Revision for End of year assessments</u> |                 |                  |                      |                            |                           |

Starter a day <https://corbettmaths.com/5-a-day/gcse/>

Select Numeracy option for the date

| Autumn 1   | Mathswatch Video   | Mathswatch Online questions  | Corbett Maths   |
|--|--|--|---|
| Read and write whole numbers                           | <a href="https://vle.mathswatch.co.uk/vle/browse/153">https://vle.mathswatch.co.uk/vle/browse/153</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/153/practice">https://vle.mathswatch.co.uk/vle/browse/153/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/words-figures-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/words-figures-pdf.pdf</a>           |
| Understand place value including decimals place value  |  |  | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/place-value-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/place-value-pdf1.pdf</a>             |
| Order decimals   | <a href="https://vle.mathswatch.co.uk/vle/browse/155">https://vle.mathswatch.co.uk/vle/browse/155</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/155/practice">https://vle.mathswatch.co.uk/vle/browse/155/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Ordering-Decimals-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Ordering-Decimals-pdf.pdf</a>   |
| Recognise fractions and percentages as part of a whole | <a href="https://vle.mathswatch.co.uk/vle/browse/179">https://vle.mathswatch.co.uk/vle/browse/179</a><br><a href="https://vle.mathswatch.co.uk/vle/browse/195">https://vle.mathswatch.co.uk/vle/browse/195</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/179/practice">https://vle.mathswatch.co.uk/vle/browse/179/practice</a><br><a href="https://vle.mathswatch.co.uk/vle/browse/195/practice">https://vle.mathswatch.co.uk/vle/browse/195/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/12/Fraction-of-Shapes-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/12/Fraction-of-Shapes-pdf.pdf</a> |

| Autumn 2                                   | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|--|---|---|---|
| Order integers, including negative numbers | <a href="https://vle.mathswatch.co.uk/vle/browse/154">https://vle.mathswatch.co.uk/vle/browse/154</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/154/practice">https://vle.mathswatch.co.uk/vle/browse/154/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/ordering-numbers-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/ordering-numbers-pdf1.pdf</a>                       |
| Round to the nearest 10, 100, 1000         | <a href="https://vle.mathswatch.co.uk/vle/browse/186">https://vle.mathswatch.co.uk/vle/browse/186</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/186/practice">https://vle.mathswatch.co.uk/vle/browse/186/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/09/Rounding-277-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Rounding-277-pdf.pdf</a>                                 |
| Round to a given decimal place             | <a href="https://vle.mathswatch.co.uk/vle/browse/187">https://vle.mathswatch.co.uk/vle/browse/187</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/187/practice">https://vle.mathswatch.co.uk/vle/browse/187/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2019/01/Rounding-decimal-places-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2019/01/Rounding-decimal-places-pdf.pdf</a>           |
| Round to a given significant figure        | <a href="https://vle.mathswatch.co.uk/vle/browse/248">https://vle.mathswatch.co.uk/vle/browse/248</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/248/practice">https://vle.mathswatch.co.uk/vle/browse/248/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/rounding-significant-figures-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/rounding-significant-figures-pdf.pdf</a> |

| Autumn 3                    | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|-----------------------------|---|---|---|
| Estimate in problem solving | <a href="https://vle.mathswatch.co.uk/vle/browse/249">https://vle.mathswatch.co.uk/vle/browse/249</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/249/practice">https://vle.mathswatch.co.uk/vle/browse/249/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/10/Estimation-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/10/Estimation-pdf.pdf</a> |

| Autumn 4 – page 1 of 2                  | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths  |
|---|---|---|--|
| Multiply and divide by 10, 100 and 1000 | <a href="https://vle.mathswatch.co.uk/vle/browse/185">https://vle.mathswatch.co.uk/vle/browse/185</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/185/practice">https://vle.mathswatch.co.uk/vle/browse/185/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/09/Multiplication-by-10-100-1000-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Multiplication-by-10-100-1000-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/01/dividing-by-10-100-1000-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/01/dividing-by-10-100-1000-pdf.pdf</a> |
| Multiplication and division facts       |   |   | <a href="https://corbettmaths.com/wp-content/uploads/2018/01/times-tables-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/01/times-tables-pdf.pdf</a>  |

| Autumn 4 - Continued           | Mathswatch Video   | Mathswatch Online questions  | Corbett Maths  |
|--------------------------------|--|--|--|
| Multiply integers and decimals | <a href="https://vle.mathswatch.co.uk/vle/browse/173">https://vle.mathswatch.co.uk/vle/browse/173</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/222">https://vle.mathswatch.co.uk/vle/browse/222</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/173">https://vle.mathswatch.co.uk/vle/browse/173</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/222/practice">https://vle.mathswatch.co.uk/vle/browse/222/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-2-grid.pdf">https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-2-grid.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/01/multiplying-decimals-textbook-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/01/multiplying-decimals-textbook-pdf.pdf</a> |
| Area of rectangles             | <a href="https://vle.mathswatch.co.uk/vle/browse/209">https://vle.mathswatch.co.uk/vle/browse/209</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/209/practice">https://vle.mathswatch.co.uk/vle/browse/209/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/area-of-a-rectangle-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/area-of-a-rectangle-pdf1.pdf</a>  |

| Autumn 5                          | Mathswatch Video   | Mathswatch Online questions  | Corbett Maths   |
|-----------------------------------|--|--|---|
| Division of integers and decimals | <a href="https://vle.mathswatch.co.uk/vle/browse/174">https://vle.mathswatch.co.uk/vle/browse/174</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/223">https://vle.mathswatch.co.uk/vle/browse/223</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/174/practice">https://vle.mathswatch.co.uk/vle/browse/174/practice</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/223/practice">https://vle.mathswatch.co.uk/vle/browse/223/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/01/division-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/01/division-pdf.pdf</a> |

| Autumn 6                            | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|-------------------------------------|---|---|---|
| Working with negative numbers       | <a href="https://vle.mathswatch.co.uk/vle/browse/178">https://vle.mathswatch.co.uk/vle/browse/178</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/178/practice">https://vle.mathswatch.co.uk/vle/browse/178/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/real-life-negatives-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/real-life-negatives-pdf1.pdf</a>                                   |
| Multiply and divide negative number | <a href="https://vle.mathswatch.co.uk/vle/browse/225">https://vle.mathswatch.co.uk/vle/browse/225</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/225/practice">https://vle.mathswatch.co.uk/vle/browse/225/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Negatives-multiplication-and-division-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Negatives-multiplication-and-division-pdf.pdf</a> |



| Autumn 7 – page 1 of 2               | Mathswatch Video   | Mathswatch Online questions  | Corbett Maths   |
|--------------------------------------|--|--|---|
| Simplify fractions                   | <a href="https://vle.mathswatch.co.uk/vle/browse/181">https://vle.mathswatch.co.uk/vle/browse/181</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/181/practice">https://vle.mathswatch.co.uk/vle/browse/181/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/simplifying-fractions-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/simplifying-fractions-pdf1.pdf</a>                     |
| Compare and order fractions          | <a href="https://vle.mathswatch.co.uk/vle/browse/180">https://vle.mathswatch.co.uk/vle/browse/180</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/227">https://vle.mathswatch.co.uk/vle/browse/227</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/180/practice">https://vle.mathswatch.co.uk/vle/browse/180/practice</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/227/practice">https://vle.mathswatch.co.uk/vle/browse/227/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/12/Ordering-Fractions-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/12/Ordering-Fractions-pdf.pdf</a>                             |
| Improper fractions and mixed numbers | <a href="https://corbettmaths.com/2018/12/17/improper-fractions-and-mixed-numbers/">https://corbettmaths.com/2018/12/17/improper-fractions-and-mixed-numbers/</a>  |  | <a href="https://corbettmaths.com/wp-content/uploads/2018/12/Improper-Fractions-and-Mixed-Numbers.pdf">https://corbettmaths.com/wp-content/uploads/2018/12/Improper-Fractions-and-Mixed-Numbers.pdf</a> |

| Autumn 7 – continued | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|----------------------|---|---|---|
| Multiply fractions   | <a href="https://vle.mathswatch.co.uk/vle/browse/231">https://vle.mathswatch.co.uk/vle/browse/231</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/231/practice">https://vle.mathswatch.co.uk/vle/browse/231/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/12/Multiplying-Fractions-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/12/Multiplying-Fractions-pdf.pdf</a>   |
| Fractions of amount  | <a href="https://vle.mathswatch.co.uk/vle/browse/230">https://vle.mathswatch.co.uk/vle/browse/230</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/230/practice">https://vle.mathswatch.co.uk/vle/browse/230/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/fraction-of-an-amount-pdf2.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/fraction-of-an-amount-pdf2.pdf</a> |
| Divide fractions     | <a href="https://vle.mathswatch.co.uk/vle/browse/232">https://vle.mathswatch.co.uk/vle/browse/232</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/232/practice">https://vle.mathswatch.co.uk/vle/browse/232/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Dividing-Fractions-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Dividing-Fractions-pdf.pdf</a>         |

| Spring 1 – page 1 of 2                | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths  |
|---------------------------------------|---|---|--|
| Addition and subtractions of integers | <a href="https://vle.mathswatch.co.uk/vle/browse/171">https://vle.mathswatch.co.uk/vle/browse/171</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/171/practice">https://vle.mathswatch.co.uk/vle/browse/171/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf4.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf4.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-pdf.pdf</a>                               |
| Addition and subtractions of decimals |   |   | <a href="https://corbettmaths.com/wp-content/uploads/2018/09/Adding-Decimals-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Adding-Decimals-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/09/Subtracting-Decimals-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Subtracting-Decimals-pdf.pdf</a> |

| Spring 1 – continued                          | Mathswatch Video   | Mathswatch Online questions   | Corbett Maths  |
|---|--|---|--|
| Working with money                            | <a href="https://vle.mathswatch.co.uk/vle/browse/176">https://vle.mathswatch.co.uk/vle/browse/176</a><br><br><a href="https://corbettmaths.com/2022/01/06/bank-statements-video/">https://corbettmaths.com/2022/01/06/bank-statements-video/</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/176/practice">https://vle.mathswatch.co.uk/vle/browse/176/practice</a> |  |
| Addition and subtractions of negative numbers | <a href="https://vle.mathswatch.co.uk/vle/browse/224">https://vle.mathswatch.co.uk/vle/browse/224</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/224/practice">https://vle.mathswatch.co.uk/vle/browse/224/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2020/05/Negatives-addition-and-subtraction.pdf">https://corbettmaths.com/wp-content/uploads/2020/05/Negatives-addition-and-subtraction.pdf</a>  |
| Addition and subtractions of fractions        | <a href="https://vle.mathswatch.co.uk/vle/browse/228">https://vle.mathswatch.co.uk/vle/browse/228</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/228/practice">https://vle.mathswatch.co.uk/vle/browse/228/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Fractions-Addition-1-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Fractions-Addition-1-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2021/09/Fractions-Addition-2.pdf">https://corbettmaths.com/wp-content/uploads/2021/09/Fractions-Addition-2.pdf</a> |

| Spring 2  | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths  |
|-----------|---|---|--|
| Perimeter | <a href="https://vle.mathswatch.co.uk/vle/browse/208">https://vle.mathswatch.co.uk/vle/browse/208</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/208/practice">https://vle.mathswatch.co.uk/vle/browse/208/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/12/Perimeter-of-Shapes-on-a-Grid-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/12/Perimeter-of-Shapes-on-a-Grid-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2013/02/perimeter-pdf2.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/perimeter-pdf2.pdf</a> |

| Spring 3  | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|---|---|---|---|
| Sum of angles at a point and on a straight line | <a href="https://vle.mathswatch.co.uk/vle/browse/200">https://vle.mathswatch.co.uk/vle/browse/200</a>                                     | <a href="https://vle.mathswatch.co.uk/vle/browse/200/practice">https://vle.mathswatch.co.uk/vle/browse/200/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/angle-facts-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/angle-facts-pdf1.pdf</a>                             |
| Sum of angles in a triangle                     | <a href="https://vle.mathswatch.co.uk/vle/browse/280">https://vle.mathswatch.co.uk/vle/browse/280</a>                                     | <a href="https://vle.mathswatch.co.uk/vle/browse/280/practice">https://vle.mathswatch.co.uk/vle/browse/280/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/angles-in-a-triangle-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/angles-in-a-triangle-pdf1.pdf</a>           |
| Sum of angles in a quadrilateral                | <a href="https://corbettmaths.com/2013/03/17/angles-in-quadrilaterals/">https://corbettmaths.com/2013/03/17/angles-in-quadrilaterals/</a> |   | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/angles-in-a-quadrilateral-pdf2.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/angles-in-a-quadrilateral-pdf2.pdf</a> |

| Spring 4                                     | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|--|---|---|---|
| Generate a sequence from a term to term rule | <a href="https://vle.mathswatch.co.uk/vle/browse/192">https://vle.mathswatch.co.uk/vle/browse/192</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/192/practice">https://vle.mathswatch.co.uk/vle/browse/192/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2020/05/Sequences.pdf">https://corbettmaths.com/wp-content/uploads/2020/05/Sequences.pdf</a>                     |
| Recognise a Fibonacci sequence               | <a href="https://vle.mathswatch.co.uk/vle/browse/304">https://vle.mathswatch.co.uk/vle/browse/304</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/304/practice">https://vle.mathswatch.co.uk/vle/browse/304/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2021/09/Fibonacci-Worksheet.pdf">https://corbettmaths.com/wp-content/uploads/2021/09/Fibonacci-Worksheet.pdf</a> |

| Spring 5  | Mathswatch Video   | Mathswatch Online questions  | Corbett Maths  |
|---|--|--|--|
| Factors and multiples                           | <a href="https://vle.mathswatch.co.uk/vle/browse/183">https://vle.mathswatch.co.uk/vle/browse/183</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/183/practice">https://vle.mathswatch.co.uk/vle/browse/183/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Factors-216-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Factors-216-pdf.pdf</a>  |
| Highest common factor<br>Lowest common multiple | <a href="https://vle.mathswatch.co.uk/vle/browse/237">https://vle.mathswatch.co.uk/vle/browse/237</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/238">https://vle.mathswatch.co.uk/vle/browse/238</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/237/practice">https://vle.mathswatch.co.uk/vle/browse/237/practice</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/238/practice">https://vle.mathswatch.co.uk/vle/browse/238/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Common-multiples-and-LCM-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Common-multiples-and-LCM-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/11/Common-factors-and-HCF-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Common-factors-and-HCF-pdf.pdf</a> |
| Prime decomposition                             | <a href="https://vle.mathswatch.co.uk/vle/browse/237/practice">https://vle.mathswatch.co.uk/vle/browse/237/practice</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/236/practice">https://vle.mathswatch.co.uk/vle/browse/236/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/product-of-primes-pdf3.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/product-of-primes-pdf3.pdf</a>  |



| Spring 6                                    | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths  |
|---|---|---|--|
| Squares, Cubes and powers<br>Roots          | <a href="https://vle.mathswatch.co.uk/vle/browse/239">https://vle.mathswatch.co.uk/vle/browse/239</a>   | <a href="https://vle.mathswatch.co.uk/vle/browse/239/practice">https://vle.mathswatch.co.uk/vle/browse/239/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/09/Squaring-Numbers-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Squaring-Numbers-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/09/Square-Root-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Square-Root-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/11/Cube-numbers-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Cube-numbers-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/11/Cube-root-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Cube-root-pdf.pdf</a> |
| Multiplication and division<br>indices laws | <a href="https://corbettmaths.com/wp-content/uploads/2018/09/Square-Root-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/09/Square-Root-pdf.pdf</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/292/practice">https://vle.mathswatch.co.uk/vle/browse/292/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2019/02/Laws-of-Indices-174-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2019/02/Laws-of-Indices-174-pdf.pdf</a>  |

| Spring 7                                   | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|--|---|---|---|
| Convert ordinary and standard form numbers | <a href="https://vle.mathswatch.co.uk/vle/browse/241">https://vle.mathswatch.co.uk/vle/browse/241</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/241/practice">https://vle.mathswatch.co.uk/vle/browse/241/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2021/11/Standard-Form-Textbook.pdf">https://corbettmaths.com/wp-content/uploads/2021/11/Standard-Form-Textbook.pdf</a> |
| Standard form calculations                 |   |   |   |

| Spring 8            | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|---------------------|---|---|---|
| Order of operations | <a href="https://vle.mathswatch.co.uk/vle/browse/233">https://vle.mathswatch.co.uk/vle/browse/233</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/233/practice">https://vle.mathswatch.co.uk/vle/browse/233/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Order-of-Operations-Exercise-211-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Order-of-Operations-Exercise-211-pdf.pdf</a> |
| Reverse operations  | <a href="https://vle.mathswatch.co.uk/vle/browse/175">https://vle.mathswatch.co.uk/vle/browse/175</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/175/practice">https://vle.mathswatch.co.uk/vle/browse/175/practice</a> |   |

| Spring 9                                    | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|---|---|---|---|
| Using and interpreting a calculator display | <a href="https://vle.mathswatch.co.uk/vle/browse/177">https://vle.mathswatch.co.uk/vle/browse/177</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/177/practice">https://vle.mathswatch.co.uk/vle/browse/177/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/use-of-a-calculator-pdf1.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/use-of-a-calculator-pdf1.pdf</a> |

| Summer 1   | Mathswatch Video  | Mathswatch Online questions | Corbett Maths   |
|--|---|-----------------------------|---|
| Express a number as a fraction of another number | <a href="https://corbettmaths.com/2012/08/21/expressing-one-quantity-as-a-fraction-of-another/">https://corbettmaths.com/2012/08/21/expressing-one-quantity-as-a-fraction-of-another/</a> |                             | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Expressing-as-a-Fractions-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Expressing-as-a-Fractions-pdf.pdf</a> |
| Problem solve with fractions                     |   |                             | <a href="https://www.mathsgenie.co.uk/resources/2-fractions-of-an-amount-ws.pdf">https://www.mathsgenie.co.uk/resources/2-fractions-of-an-amount-ws.pdf</a>                               |

| Summer 2                                       | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths   |
|--|---|---|---|
| Fraction, Decimals and Percentages equivalence | <a href="https://vle.mathswatch.co.uk/vle/browse/243">https://vle.mathswatch.co.uk/vle/browse/243</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/243/practice">https://vle.mathswatch.co.uk/vle/browse/243/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/FDP-Mixture-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/FDP-Mixture-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2019/01/FDP-Key-Equivalents-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2019/01/FDP-Key-Equivalents-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2018/11/FDP-Mixture-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/FDP-Mixture-pdf.pdf</a> |

| Summer 3                          | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths  |
|-----------------------------------|---|---|--|
| Percentage of amount              | <a href="https://vle.mathswatch.co.uk/vle/browse/245">https://vle.mathswatch.co.uk/vle/browse/245</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/244">https://vle.mathswatch.co.uk/vle/browse/244</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/245/practice">https://vle.mathswatch.co.uk/vle/browse/245/practice</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/244/practice">https://vle.mathswatch.co.uk/vle/browse/244/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2018/11/Percentages-of-amounts-234-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2018/11/Percentages-of-amounts-234-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2013/02/percentages-calc-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/percentages-calc-pdf.pdf</a> |
| Express a changes as a percentage | <a href="https://vle.mathswatch.co.uk/vle/browse/247">https://vle.mathswatch.co.uk/vle/browse/247</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/246">https://vle.mathswatch.co.uk/vle/browse/246</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/267">https://vle.mathswatch.co.uk/vle/browse/267</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/247/practice">https://vle.mathswatch.co.uk/vle/browse/247/practice</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/246/practice">https://vle.mathswatch.co.uk/vle/browse/246/practice</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/267/practice">https://vle.mathswatch.co.uk/vle/browse/267/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2020/03/Percentage-Change-Text.pdf">https://corbettmaths.com/wp-content/uploads/2020/03/Percentage-Change-Text.pdf</a>  |
| Percentage increase and decrease  | <a href="https://vle.mathswatch.co.uk/vle/browse/266">https://vle.mathswatch.co.uk/vle/browse/266</a>   | <a href="https://vle.mathswatch.co.uk/vle/browse/266/practice">https://vle.mathswatch.co.uk/vle/browse/266/practice</a>   | <a href="https://corbettmaths.com/wp-content/uploads/2021/11/Increasing-by-a-Percentage-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2021/11/Increasing-by-a-Percentage-pdf.pdf</a>  |

| Summer 4                         | Mathswatch Video   | Mathswatch Online questions  | Corbett Maths  |
|----------------------------------|--|--|--|
| Reverse percentages              | <a href="https://vle.mathswatch.co.uk/vle/browse/268">https://vle.mathswatch.co.uk/vle/browse/268</a>  | <a href="https://vle.mathswatch.co.uk/vle/browse/268/practice">https://vle.mathswatch.co.uk/vle/browse/268/practice</a>  | <a href="https://corbettmaths.com/wp-content/uploads/2019/10/Reverse-Percentages.pdf">https://corbettmaths.com/wp-content/uploads/2019/10/Reverse-Percentages.pdf</a>  |
| Simple and compound interest     | <a href="https://vle.mathswatch.co.uk/vle/browse/269">https://vle.mathswatch.co.uk/vle/browse/269</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/331">https://vle.mathswatch.co.uk/vle/browse/331</a>   | <a href="https://vle.mathswatch.co.uk/vle/browse/269/practice">https://vle.mathswatch.co.uk/vle/browse/269/practice</a><br><br><a href="https://vle.mathswatch.co.uk/vle/browse/331/practice">https://vle.mathswatch.co.uk/vle/browse/331/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2021/11/Simple-Interest.pdf">https://corbettmaths.com/wp-content/uploads/2021/11/Simple-Interest.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2019/09/Compound-Interest-pdf-1.pdf">https://corbettmaths.com/wp-content/uploads/2019/09/Compound-Interest-pdf-1.pdf</a> |
| Problem solving with percentages | <a href="https://www.mathsgenie.co.uk/resources/3-percentages-ws.pdf">https://www.mathsgenie.co.uk/resources/3-percentages-ws.pdf</a><br>ANS <a href="https://www.mathsgenie.co.uk/resources/3-percentagesans.pdf">https://www.mathsgenie.co.uk/resources/3-percentagesans.pdf</a><br><br><a href="https://www.mathsgenie.co.uk/resources/5-reverse-percentages-ws.pdf">https://www.mathsgenie.co.uk/resources/5-reverse-percentages-ws.pdf</a><br>ANS <a href="https://www.mathsgenie.co.uk/resources/5-reverse-percentagesans.pdf">https://www.mathsgenie.co.uk/resources/5-reverse-percentagesans.pdf</a><br><br><a href="https://www.mathsgenie.co.uk/resources/3-percentage-change-ws.pdf">https://www.mathsgenie.co.uk/resources/3-percentage-change-ws.pdf</a><br>ANS <a href="https://www.mathsgenie.co.uk/resources/3-percentage-changeans.pdf">https://www.mathsgenie.co.uk/resources/3-percentage-changeans.pdf</a><br><br><a href="https://www.mathsgenie.co.uk/resources/4-compound-interest-ws.pdf">https://www.mathsgenie.co.uk/resources/4-compound-interest-ws.pdf</a><br>ANS <a href="https://www.mathsgenie.co.uk/resources/4-compound-interestans.pdf">https://www.mathsgenie.co.uk/resources/4-compound-interestans.pdf</a> |  |  |



## Summer 5

Revision for End of year assessment

|  |
|--|
| <b>Learning target</b>   |
| <b>Number</b>  |
| <a href="#">I can understand place value and read, write and order whole numbers and use the symbols = &lt; &gt; ≤ ≥</a>   |
| <a href="#">I can multiply integers using written methods</a>  |
| <a href="#">I can multiply and divide integers and decimals by 0.1, 0.01</a>   |
| <a href="#">I can divide integers using written methods</a>  |
| <a href="#">I can divide decimals using written methods</a>  |
| <a href="#">I understand the relationships between operations e.g. inverse operations</a>  |
| <a href="#">I can recognise square numbers</a>   |
| <a href="#">I understand the unique factorisation theorem and can perform prime factor decompositions</a>  |
| <a href="#">I understand and can use powers and roots, including square numbers up to <math>15 \times 15</math>, and powers of 10</a>                                  |
| <a href="#">I can use the index laws for multiplication and division of integer powers</a>   |
| <a href="#">I can calculate with numbers written in standard form</a>  |
| <a href="#">I can divide by a fraction including improper fractions and mixed numbers</a>  |
| I can calculate exactly with fractions, including solving problems   |
| <a href="#">I understand that a percentage means "parts per hundred", and express one quantity as a percentage of another, including percentages greater than 100%</a> |
| <a href="#">I can solve original value problems</a>  |
| I can identify and work with fractions and percentages in problems   |
| <a href="#">I can compare quantities by calculating equivalent fractions, decimals and percentages</a>   |
| I can solve problems involving <a href="#">simple interest</a> and financial maths ( <a href="#">compound interest</a> )   |
| I can round to a given number of <a href="#">decimal places</a> or <a href="#">significant figures</a>   |
| <a href="#">I can round appropriately in problems</a>  |
| <a href="#">I can add and subtract negative numbers in context</a>   |
| <b>Ratio and proportion</b>  |
| <a href="#">I can convert standard units (e.g. time, length, volume, mass) in numerical contexts</a>   |
| <b>Algebra</b>   |
| <a href="#">I can generate terms of a sequence from a term-to-term rule, including from patterns and diagrams</a>  |
| <b>Geometry</b>  |
| <a href="#">I can calculate perimeters of 2D shapes</a>  |
| I can apply the sum of angles at a <a href="#">point</a> , <a href="#">on a straight line</a> and in a <a href="#">triangle to find unknown angles</a>                 |
| <a href="#">I can find unknown angles in quadrilaterals</a>  |

| Summer 7                                | Mathswatch Video  | Mathswatch Online questions   | Corbett Maths  |
|---|---|---|--|
| Know, estimate and use units of measure | <a href="https://www.mathsgenie.co.uk/time.html">https://www.mathsgenie.co.uk/time.html</a>           |   | <a href="https://corbettmaths.com/wp-content/uploads/2013/02/metric-imperial-units-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/metric-imperial-units-pdf.pdf</a><br><br><a href="https://www.mathsgenie.co.uk/resources/1-time-ws.pdf">https://www.mathsgenie.co.uk/resources/1-time-ws.pdf</a>                                   |
| Convert units of measure                | <a href="https://vle.mathswatch.co.uk/vle/browse/270">https://vle.mathswatch.co.uk/vle/browse/270</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/270/practice">https://vle.mathswatch.co.uk/vle/browse/270/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2020/05/Metric-Units.pdf">https://corbettmaths.com/wp-content/uploads/2020/05/Metric-Units.pdf</a>  |
| Convert metric area and volume          | <a href="https://vle.mathswatch.co.uk/vle/browse/370">https://vle.mathswatch.co.uk/vle/browse/370</a> | <a href="https://vle.mathswatch.co.uk/vle/browse/370/practice">https://vle.mathswatch.co.uk/vle/browse/370/practice</a> | <a href="https://corbettmaths.com/wp-content/uploads/2019/07/Converting-Areas-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2019/07/Converting-Areas-pdf.pdf</a><br><br><a href="https://corbettmaths.com/wp-content/uploads/2019/07/Converting-Volumes.pdf">https://corbettmaths.com/wp-content/uploads/2019/07/Converting-Volumes.pdf</a> |