

Remote Curriculum - Year 7 Maths

How it Works:

1. Find the correct week commencing row.
2. Find today's day - There are up to 3 different lessons in each day – you won't run out of work.
3. Chose a lesson – hold ctrl and click the chosen link.
 - a. If you don't recognise the work, it appears too difficult or the link doesn't load;
 - i. Try another task – look at the previous/next lesson or look at other days.
4. Some lessons have links to PowerPoints and other resources beneath the video and/or Starter Quiz (LSQ)
5. Complete any starter quizzes.
 - a. Write the question down
 - b. Write your answer down
 - c. Mark your answers and write down any corrections (using your purple pen)
6. Watch the videos and take notes.
7. Pause if/when instructed to do so to answer questions or respond.
8. Complete and go onto the next one.

| Week Commencing | Week | Lesson | Lesson 1 Hold ctrl and click | Lesson 2 Hold ctrl and click | Lesson 3 Hold ctrl and click |
|-----------------|------|-----------|--|---|--|
| 04/11/24 | 9A | Monday | 0041 Factors and Multiples | 0245 Multiples and Lowest Common Multiples | 0613 Factors and Multiples |
| | | Tuesday | | | |
| | | Wednesday | L0043 Lowest Common Multiple | 0114 Lowest Common Multiple | 0686 Lowest Common Multiple |
| | | Thursday | | | |
| | | Friday | 0042 highest Common Factors | 0113 Highest Common Factors | 0687 Highest Common Factor |
| 11/11/24 | 10B | Monday | | | |
| | | Tuesday | | | |
| | | Wednesday | Highest Common Factors | 0166 Highest Common Factor and Lowest Common Multiple | 0685 Highest Common Factor |
| | | Thursday | | 0615 Highest Common Factors and Lowest Common Multiples – Listing Method 1 | 0748 Highest Common Factors and Lowest Common Multiples – Listing Method 2 |
| | | Friday | Factor Polygons | | |
| 18/11/24 | 11A | Monday | | 0826 Factors, Highest Common Factors, Multiples and Lowest Common Multiples | 0617 Highest Common Factors and Lowest Common Multiples – Venn Diagram |
| | | Tuesday | Common Multiples | | |
| | | Wednesday | Square Numbers | 0110 Square and Cube Numbers | 0608 Triangular and Prime Numbers |

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| | | Thursday | 0034 Triangular, Square and Cube Numbers | Square and Cube Numbers | 0609 Triangular and Prime Numbers |
| | | Friday | Square Roots and Cube Roots | 0038 Squares and Square Roots. Cubes and Cube Roots | 0879 Square and Cube Roots and Basic Powers |
| 25/11/24 | 12B | Monday | 0037 Powers and Roots | 0611 Powers and Roots | |
| | | Tuesday | Mayan Numbers | 0101 Multiplication and Division by Powers of 10 | 0883 Use of Index Notation for Powers of 10 in Calculations |
| | | Wednesday | Base 10 and Base 5 | Expressing Powers of Different Bases | |
| | | Thursday | Operations in Bases | Exposing Factors | 0884 Laws of Indices and Re-writing with the same Base |
| | | Friday | Indices | 0047 Using Index Notation – Prime Decomposition | |
| 02/12/24 | 13A | Monday | | 0987 Laws of Indices for Multiplication | 0991 Raising to another Exponent and Fractional Indices |
| | | Tuesday | Index Notation | 0988 Laws of Indices for Division | |
| | | Wednesday | | | Negative Indices |
| | | Thursday | | 0989 Zero and Negative Indices | |
| 09/12/24 | 14B | Friday | Laws of Indices | Indices and Power of Zero | 0747 Factors, Multiples and Primes |
| | | Monday | | | |
| | | Tuesday | Index Laws | Fractional Indices | |
| | | Wednesday | 0033 Recognise Odd and Even Two-Digit Prime Numbers | 0112 Factors and Prime Factors | |
| | | Thursday | | | |
| 16/12/24 | 15A | Friday | 0165 Prime Numbers | 0046 Prime Factor Decomposition | 0167 Prime Factor Decomposition |
| | | Monday | | | 0616 Prime Factorisation |
| | | Tuesday | Prime Building Blocks | 0167 Prime Factor Decomposition | |
| | | Wednesday | | | |
| | | Thursday | 0046 Prime Factor Decomposition | 0244 Factors, Prime Numbers and Highest Common Factors | 0827 Primes, Product of Primes: Venn Diagram Method |
| Friday | 0045 – Prime Factors and Venn Diagrams | 0047 Using Index Notation – Prime Decomposition | 0749 Highest Common Factors and Lowest Common Multiples – Prime Factor Decomposition | | |

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| Additional Content | <u>Representing Integers</u> | <u>0011 Place Value for Integers and Decimals</u> | <u>0603 Ordering Negative Numbers</u> |
| | <u>0098 Subtracting Integers and Decimals</u> | <u>0604 Add and Subtract Negative Numbers 1</u> | <u>0683 Adding and Subtracting Negative Numbers 2</u> |
| | <u>0030 Multiply and Divide Positive and Negative Integers</u> | <u>0109 Multiplying and Dividing Negative numbers</u> | <u>0605 Multiply and Divide Negative Numbers</u> |
| | <u>0039 Order of Operations (Bidmas)</u> | <u>0103 Bidmas</u> | <u>0612 Bidmas</u> |
| | <u>0151 Four Operations and Money Problems</u> <u>0149 Order of Operations</u> | <u>0150 Apply the Four Operations</u> | <u>0681 Bidmas</u> |