

Remote Curriculum

Year 7 Maths

How it Works:

1. Find the correct week commencing row.
2. Find today's day - There are 2 different lessons in each day – you won't run out of work.
3. Choose a lesson – hold ctrl and click the chosen link.

If you don't recognise the work, it appears too difficult or the link doesn't load;

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
5. Complete any starter quizzes.
 - a. Write your answer down
 - b. Mark your answers and write down any corrections
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.



Ivybridge

COMMUNITY COLLEGE

| Week Commencing | Week | Lesson | Title | Lesson 1 Hold ctrl and click | Lesson 2 Hold ctrl and click |
|-----------------|------|-----------|--------------------|--|--|
| 9/09/24 | B | Monday | <i>Place Value</i> | Checking understanding of place value in integers | Securing understanding of place value in integers |
| | | Tuesday | | Securing understanding of place value in integers | Deepening understanding of place value in integers |
| | | Wednesday | | Deepening understanding of place value in integers | Exponential and fractional column headings |
| | | Thursday | | Exponential and fractional column headings | Place value in decimals |
| | | Friday | | Place value in decimals | Checking understanding of place value in metric units |
| 16/09/24 | A | Monday | | Checking understanding of place value in metric units | Securing understanding of place value in metric units |
| | | Tuesday | | Securing understanding of place value in metric units | Place value in imperial units |
| | | Wednesday | | Place value in imperial units | Checking understanding of ordering and comparing numbers |
| | | Thursday | | Checking understanding of ordering and comparing numbers | Securing understanding of ordering and comparing numbers |

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| | | Friday | Types of Number | Securing understanding of ordering and comparing numbers | Problem solving with place value |
| 23/09/24 | B | Monday | | Problem solving with place value | Checking understanding of place value in integers |
| | | Tuesday | | Checking understanding of place value in integers | Securing understanding of place value in integers |
| | | Wednesday | | Securing understanding of place value in integers | Deepening understanding of place value in integers |
| | | Thursday | | Deepening understanding of place value in integers | Exponential and fractional column headings |
| | | Friday | | Exponential and fractional column headings | Place value in decimals |
| | | Monday | | Place value in decimals | Checking understanding of place value in metric units |
| 30/09/24 | A | Tuesday | | Checking understanding of place value in metric units | Securing understanding of place value in metric units |
| | | Wednesday | | Securing understanding of place value in metric units | Place value in imperial units |
| | | Thursday | | Place value in imperial units | Checking understanding of ordering and comparing numbers |
| | | Friday | | Checking understanding of ordering and comparing numbers | Securing understanding of ordering and comparing numbers |
| | | Monday | | Securing understanding of ordering and comparing numbers | Problem solving with place value |
| 7/10/24 | B | Tuesday | | Checking understanding of factors, multiples, squares and cubes | Securing understanding of factors, multiples, squares and cubes |
| | | Wednesday | | Listing multiples | Divisibility tests for 2 and 3 |
| | | Thursday | | Divisibility tests for 2 and 3 | Divisibility tests for 6 and 9 |
| | | Friday | | Divisibility tests for 6 and 9 | Divisibility tests for 5 and 10 |
| | | Monday | | Divisibility tests for 5 and 10 | Divisibility tests for 4 and 8 |
| 14/10/24 | A | Tuesday | | Divisibility tests for 4 and 8 | Square and cube numbers |
| | | Wednesday | | Square and cube numbers | Square and cube roots |
| | | Thursday | | Square and cube roots | Power notation |
| | | Friday | | Power notation | Power and roots using a calculator |
| | | Monday | Power and roots using a calculator | Listing factors | |
| 21/10/24 | B | Tuesday | Listing factors | Checking understanding of prime numbers | |
| | | Wednesday | Checking understanding of prime numbers | Expressing an integer as a product of its primes | |
| | | Thursday | Expressing an integer as a product of its primes | Calculating integers from their prime factors | |
| | | Friday | Calculating integers from their prime factors | Highest common factor | |

| 4/11/24 | A | Monday | Types of Number | Highest common factor | Lowest common multiple |
|----------|---|-----------|--|--|--|
| | | Tuesday | | Lowest common multiple | HCF or LCM |
| | | Wednesday | | HCF or LCM | Problem solving with factors, multiples, squares and cubes |
| | | Thursday | | Problem solving with factors, multiples, squares and cubes | Checking understanding of factors, multiples, squares and cubes |
| | | Friday | | Checking understanding of factors, multiples, squares and cubes | Securing understanding of factors, multiples, squares and cubes |
| 11/11/24 | B | Monday | | Listing multiples | Divisibility tests for 2 and 3 |
| | | Tuesday | | Divisibility tests for 2 and 3 | Divisibility tests for 6 and 9 |
| | | Wednesday | | Divisibility tests for 6 and 9 | Divisibility tests for 5 and 10 |
| | | Thursday | | Divisibility tests for 5 and 10 | Divisibility tests for 4 and 8 |
| | | Friday | | Divisibility tests for 4 and 8 | Square and cube numbers |
| 18/11/24 | A | Monday | | Square and cube numbers | Square and cube roots |
| | | Tuesday | | Square and cube roots | Power notation |
| | | Wednesday | | Power notation | Power and roots using a calculator |
| | | Thursday | | Power and roots using a calculator | Listing factors |
| | | Friday | | Checking understanding of arithmetic procedures with integers and decimals | Securing understanding of arithmetic procedures with integers and decimals |
| 25/11/24 | B | Monday | Securing understanding of arithmetic procedures with integers and decimals | Checking and securing understanding of negative numbers in context | |
| | | Tuesday | Checking and securing understanding of negative numbers in context | Addition of positive and negative integers | |
| | | Wednesday | Addition of positive and negative integers | Subtraction of positive and negative integers | |
| | | Thursday | Subtraction of positive and negative integers | Checking and securing understanding of written addition and subtraction strategies | |
| | | Friday | Checking and securing understanding of written addition and subtraction strategies | Checking and securing understanding of multiplication and division | |
| 2/12/24 | A | Monday | Checking and securing understanding of multiplication and division | Multiplication and division where only one value is negative | |

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| | | Tuesday | | Multiplication and division where only one value is negative | Multiplication and division where two or more values are negative |
| | | Wednesday | | Multiplication and division where two or more values are negative | Simplifying multiplication and division using multiples of 10 |
| | | Thursday | | Simplifying multiplication and division using multiples of 10 | Multiplying with decimals |
| | | Friday | | Multiplying with decimals | Dividing with decimals |
| 9/12/24 | B | Monday | | Dividing with decimals | Checking and securing understanding of the commutative and associative laws |
| | | Tuesday | | Checking and securing understanding of the commutative and associative laws | Checking and securing understanding of the distributive law |
| | | Wednesday | | Checking and securing understanding of the distributive law | Priority of operations with positive integers |
| | | Thursday | | Priority of operations with positive integers | Priority of operations with positive and negative integers and decimals |
| | | Friday | | Priority of operations with positive and negative integers and decimals | Using the associative, commutative and distributive laws together |
| 16/12/24 | B | Monday | | Using the associative, commutative and distributive laws together | Using your calculator efficiently |
| | | Tuesday | | Using your calculator efficiently | Problem solving with integers and decimals |
| | | Wednesday | | Problem solving with integers and decimals | Multiplication and division where two or more values are negative |
| | | Thursday | | Multiplication and division where only one value is negative | Simplifying multiplication and division using multiples of 10 |
| | | Friday | | Multiplication and division where two or more values are negative | Multiplying with decimals |

