

Out of Classroom Curriculum - Year 7 Maths



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 in your learning booklet.
7. Pause if/when instructed to do so to answer questions or respond.
8. Complete and move onto the next lesson.

Week	Lesson	Lesson 1 Hold ctrl and click	Lesson 2 Hold ctrl and click	Lesson 3 Hold ctrl and click
1	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
2	Monday			
	Tuesday	Highest Common Factors	0166 Highest Common Factor and Lowest Common Multiple	0685 Highest Common Factor
	Wednesday			
	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		
3	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
	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

4	Monday	0037 Powers and Roots	0611 Powers and Roots	0883 Use of Index Notation for Powers of 10 in Calculations
	Tuesday	Mayan Numbers	0101 Multiplication and Division by Powers of 10	
	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	
Monday			0987 Laws of Indices for Multiplication	0991 Raising to another Exponent and Fractional Indices
5	Tuesday	Index Notation	0988 Laws of Indices for Division	
	Wednesday			0885 Using Negative and Fractional Indices
Thursday	Laws of Indices	Negative Indices		
Friday		0989 Zero and Negative Indices		
6	Monday		Indices and Power of Zero	0747 Factors, Multiples and Primes
	Tuesday	Index Laws	Fractional Indices	
	Wednesday	0033 Recognise Odd and Even Two-Digit Prime Numbers	0112 Factors and Prime Factors	0167 Prime Factor Decomposition
	Thursday	0165 Prime Numbers	0046 Prime Factor Decomposition	
	Friday			
7 & 8	Monday		0167 Prime Factor Decomposition	0616 Prime Factorisation
	Tuesday	Prime Building Blocks	0244 Factors, Prime Numbers and Highest Common Factors	0827 Primes, Product of Primes: Venn Diagram Method
	Wednesday			
	Thursday	0046 Prime Factor Decomposition	0047 Using Index Notation – Prime Decomposition	0749 Highest Common Factors and Lowest Common Multiples – Prime Factor Decomposition
	Friday	0045 – Prime Factors and Venn Diagrams		

Additional Content	Representing Integers	0011 Place Value for Integers and Decimals	0603 Ordering Negative Numbers
	0098 Subtracting Integers and Decimals	0604 Add and Subtract Negative Numbers 1	0683 Adding and Subtracting Negative Numbers 2
	0030 Multiply and Divide Positive and Negative Integers	0109 Multiplying and Dividing Negative numbers	0605 Multiply and Divide Negative Numbers

	0039 Order of Operations (Bidmas)	0103 Bidmas	0612 Bidmas
	0151 Four Operations and Money Problems 0149 Order of Operations	0150 Apply the Four Operations	0681 Bidmas