

## Year 7 Topic Overview and assessments

Week	Topic	Assessment
1	Welcome to Maths and expectations.	
	Place value & multiplying & dividing by 10's, 100's, 1000's	
	Written methods for adding & subtracting including money	
2	Written methods for long multiplication	LL1: Baseline assessment Paper 1 - Arithmetic
	Written method for short division with carrying on to zero instead of writing r2 etc	
	Baseline assessment – Paper 1	
3	Equivalence between simple fraction/decimal/percentages (quarters, tenths, fifths, thirds, eighth etc.)	LL2: Baseline assessment Paper 2 - Reasoning
	Ordering decimals	
	Baseline assessment – Paper 2	
4	Response lesson to baseline assessments.	
	Rounding (nearest 10, 100, 1000 and whole	
	Negative numbers (in context, ordering and difference between two values)	
5	Multiples & factors	
	Primes, powers and roots	
	BIDMAS	
6	Calculator skills	
	Inverse operations	
	Time	
7	Mini-me model	
	Catch up or problem solving task of choice. or pirate mental calculation worksheet	
	Catch up or problem solving task of choice.	
8	Properties of 2D shapes	
	Perimeter	
	Area	
9	Area	LL3 - Mixed Homework sheet 5
	Area	
	3D Shapes	

10	Surface Area	
	Volume	
	Converting between Units	
11	Converting between Units	
	Negative numbers	
	Negative numbers	
12	Revision lesson	LL4 – Unit 2 test
	Test (Calculator allowed)	
	Rounding	
13	Response lesson	
	Estimating by rounding to check calculations	
	Multiply decimals	
14	Dividing	
	Dividing decimals	
	Christmas lessons/catch up time	
15	Averages & Range	LL5 - Mixed Homework sheet 7
16	HCF & LCM	
	HCF & LCM	

	Prime factors	
17	Prime factors	
	Angles	
	Angles	
18	Angles	
	Angles	
	Construction	
19	Revision lesson	LL6 - Units 3 & 4 test
	Test	
	Constructions	
20	Response lesson	
	Problem solving/Catch up lesson	
	Problem Solving/Catch up lesson	
21	Algebra	
22	Algebra	LL7 - Mixed Homework sheet 10
23	Patterns & Sequences	
	Patterns & Sequences	
	Fractions	
24	Fractions	
25	Revision lesson	LL8– Units 5 & 6 test

	Test	
	Fractions	
26	Response lesson	
	Fractions	
	Problem solving/catch up time	
27	Co-ordinates & midpoints	
	Straight line graphs	
	Transformations	
28	Transformations	LL9 - Mixed Homework sheet 12
29	Ratio and Proportion	
30	FDP	
	FDP	
	Percentages	
31	Revision lesson	LL10 – Units 7 & 8 test
	Test	
	Percentages	
32	Response lesson	
	Percentages	
	Catch up or problem solving lesson	

33	Solving equations	LL11 - Mixed Homework sheet 15
34	Chance & Probability	
35	Revision lesson	LL12 – Units 9 & 10 test
	Test	
	Response Lesson	
36	Data Project	
37	Data Project	
38	Data Project	