

Week	Unit Name	Learning Objectives	Resources	Assessment
1	Indices	What are square numbers and cube numbers and how do we find them? What are square roots and cube roots and how do we find them?	Hegarty Maths	Weekly Progress Checks and Xmas Assessment
		Raising numbers to other powers and how do we work them out Power of 0 and power of 1		
		Writing numbers with different bases		
2	Indices	Multiplying and dividing indices		
		Powers raised to other powers		
		Negative powers		
3	Indices	Key fractional powers ($1/2$, $1/3$, $2/3$, $3/2$)		
		Combination of rules		
		2 or 3 operations ($x / + -$)		
4	Order of operations	3 or more operations ($x / + -$)		
		Brackets and powers		
		Inserting brackets		
5	Order of operations	Mean of a set of data		
		Midpoints of two points		
		Area of Trapezium		

6	Negative Numbers	Compound shape area		
		Positive + or – negative Negative + or - positive		
		Negative + or – negative		