

Date	Term 1	Topic	Teaching - Watch Video & Answer Questions	Practice	Notes
7th Sept	Week 1	Sequences	Describe & Continue a sequence Diagrammatically/ Predict & Check the next term in a sequence	Sequences & Patterns	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet
			Recognise the difference between linear & Non-Linear Sequences	Linear & non-linear	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet
			Continue Numerical Linear Sequences	Sequences - Describing Rules - page 1	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet - page 1
14th Sept	Week 2	Sequences	Continue Numerical Non-Linear Sequences	Fibonacci	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet
			Explain the term-to term rule	Sequences - Describing Rules - page 2&3	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet - page 2/3
			Missing numbers within Sequences	Missing Numbers	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet
21st Sept	Week 3	Algebraic Notation	Functions Machines - input & output	More Function Machines	Watch both videos - ignore reference to worksheet. Then complete questions from webpage
			Use letters & diagram to represent number operations	Algebraic Notation	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet
			Use letters in function machine/find function machine given expression	Function Machines	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet
28th Sept	Week 4	Algebraic Notation	Substitute Values into an expression	Substitution	Watch both Substitution videos. Then complete questions from Practice worksheet
			Generate sequences given an algebraic rule	nth term	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet
			Represent one & two step functions graphically	Graph Plotter	Watch video - ignore reference to worksheet. Then use graph plotter to try out functions
5th Oct	Week 5	Equality & Equivalence	Equality & Fact Families	Bar Modelling	Watch both videos. Following link and investigate bar models
			One Step Equations	One Step equations	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet
12th Oct	Week 6	Equality & Equivalence	Collecting Like Terms	Collecting like terms	Not Q5 on worksheet
			The Meaning of Equivalence	Equivalent Expressions 1	Watch video - ignore reference to worksheet. Then complete questions from webpage. Equivalent Expressions 2 & 3 also available
19th Oct	Week 7	Review of Previous work		Key Skills on Dr Frost	Key Skills questions on Dr Frost (with videos) are available for all topics covered.
26th Oct	Term 2				
2nd Nov	Week 1	Place Value	Recognise Place Value & Write integers	Place Value	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet - page 1 only
			Intervals on a number line	Reading Scales	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet
			Rounding to the nearest power of 10	Rounding	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet
9th Nov	Week 2	Place Value	Comparing & Ordering Integers	Place Value	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet - pages 2&3
			Finding the range & median of a set of numbers	Median & Range - Q2&4 only	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet - Q2&4 only
			Place Value of Decimals	Decimal Scales	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet
16th Nov	Week 3	Place Value	Decimals on a number line	Ordering decimals	Key Skills on Dr Frost also available for practice
			Rounding to Significant Figures	Significant Figures	Watch video - ignore reference to worksheet. Then complete questions from Practice worksheet
			Powers of 10	Extension-Standard Form	Challenge - Watch the last 4 videos and Complete Worksheet (more practise available on Dr Frost)
23rd Nov	Week 4	Fraction, Decimal, Percentage	Represent tenths and hundreds on numberline and in diagrams	Tenth & Hundredths	Watch video - ignore reference to worksheet. Then try the problem (use the hint if needed)
			Convert between fractions and decimals	Decimals to Fractions	
				Fractions to decimals	Watch both videos - ignore reference to worksheet. Then complete questions from Practice worksheet
30th Nov	Week 5	Fraction, Decimal, Percentage	Percentages on a number line	Contained in lesson	
			convert simple fraction, decimal, percentages	Key Equivalences	Watch video - ignore reference to worksheet. Then complete practice questions
			Use and interpret pie charts	Interpret pie charts	Watch video - ignore reference to worksheet. Then complete practice questions
7th Dec	Week 6	Fraction, Decimal, Percentage	Represent fractions on number line & in diagrams & find equivalent fractions	Equivalent fractions	Key Skills on Dr Frost also available for practice
			Convert between fraction, decimal and percentage	FDP	Watch video - ignore reference to worksheet. Then complete practice questions
			explore fractions above one	Mixed Numbers	Watch video - ignore reference to worksheet. Then complete practice questions
14th Dec	Week 7	Review of Previous work	https://whiterosemaths.com/homelearning/year-7	Key Skills on Dr Frost	Key Skills questions on Dr Frost (with videos) are available for all topics covered.