



TWO RIVERS
HIGH SCHOOL

Two Rivers High School

Pioneers – Level 1

Knowledge and Skills

	Autumn 2022-23		Spring 2022-23		Summer 2022-23	
	Integers	Fractions, decimals and percentages	Measures, shape and space	Handling information and data	Consolidation	Real-life problems
Read, write and order numbers up to 1,000,000 (NS1)						
Recognise, and use positive and negative numbers (NS2)						
Multiply and divide integers by powers of 10 (NS3)						
Use multiplication facts and link with division facts (NS4)						
Use simple formulae expressed in words for one or two-step operations (NS5)						
Calculate the squares of one-digit and two-digit numbers (NS6)						
Follow the order of precedence of operators (NS7)						
Read, write order and compare common fractions and mixed numbers (NS8)						
Find fractions of whole number quantities or measurements (NS9)						



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Read, write order and compare decimals to 3 d.p. (NS10)						
Add, subtract, multiply and divide decimals up to 2 d.p. (NS11)						
Approximate by rounding to a whole number or to one or two decimal places (NS12)						
Read, write order and compare percentages in whole numbers (NS13)						
Calculate percentages of quantities, including simple percentage increases and decreases by multiples of 5% (NS14, M1, M2)						
Estimate answers to calculations using fractions and decimals (NS15)						
Recognise and calculate equivalences between common fractions, percentages and decimals (NS16)						
Work with simple ratio and direct proportions (NS17)						
Convert between units of different length, weight, capacity and money in the same system (M3)						
Convert between different units of time (M3)						
Recognise and make use of simple scales on maps and drawings (M4)						
Calculate the area and perimeter of simple shapes including rectilinear shapes (M5)						
Calculate the volumes of cubes and cuboids (M6)						



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Draw 2-D shapes and demonstrate an understanding of line symmetry and knowledge of the relative size of angles (M7)						
Interpret plans, elevations and nets of simple 3-D shapes (M8)						
Use angles when describing position and direction, and measure angles in degrees (M9)						
Represent discrete data in tables, diagrams and charts including bar charts and line graphs (H1)						
Represent discrete data in pie charts (H1)						
Group discrete data and represent grouped data graphically (H2)						
Find the mean and range of a set of quantities (H3)						
Understand probability on a scale from 0 (impossible) to 1 (certain) and use probabilities to compare the likelihood of events (H4)						
Use equally likely outcomes to find the probabilities of simple events and express them as fractions (H5)						

[illegible]

