

River View Primary School

Mathematics

Year 3

Summer

What will I know by the end of the unit?

Fractions

Recognise and show, using diagrams, equivalent fractions with small denominators. Compare and order unit fractions and fractions with the same denominator. Add and subtract fractions with the same denominator within one whole. Solve problems that involve all of the above.

Money

Add and subtract amounts of money to give change, using both £ and p in practical contexts.

Time

Tell and write the time from an analogue clock, including Roman numerals from I to XII and the 12 hour and 24 hour clocks. Estimate and read time with increasing accuracy to the nearest minute. Record and compare time in terms of seconds, minutes and hours. Use vocabulary such as o'clock, a.m./p.m. morning, afternoon, noon and midnight. Know the number of seconds in a minute and the number of days in each month, year and leap year. Compare duration of events.

Shape

Draw 2-D shapes. Make 3-D shapes using modelling materials. Recognise 3-D shapes in different orientations and describe them. Recognise angles as a property of shape or description of a turn. Identify right angles, recognise that two right angles make a half-turn, three make three-quarters of a turn and four a complete turn. Identify whether angles are greater than or less than a right angle. Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.

Statistics

Interpret and present data using bar charts, pictograms and tables. Solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables.

Technical Vocabulary

numerator	the number above the line in a fraction
denominator	the number below the line in a fraction
equivalent fractions	two or more fractions that are all equal even though they different numerators and denominators
analogue clock	a clock or watch that has moving hands and hours marked from 1 to 12
estimate	roughly calculate
duration	how long something lasts
two-dimensional shape	flat figures with two-dimensions, such as length and width
three-dimensional shape	solids with three-dimensions, such as length, width and height
angle	the number of degrees rotated around a point
right angle	an angle measuring exactly 90 degrees
horizontal line	describes a line parallel to the earth's surface
vertical line	a line which is at right angles to a horizontal line
perpendicular lines	a line at right angles to another line
parallel lines	lines with no common points and always the same distance apart
discrete data	data that can be counted in whole numbers
bar chart	displays data using rectangular bars of different heights to represent discrete data
pictogram	a chart that uses pictures of symbols to represent discrete data