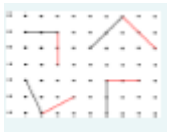
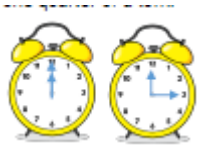
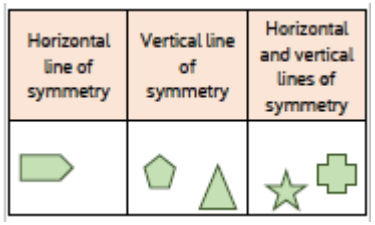
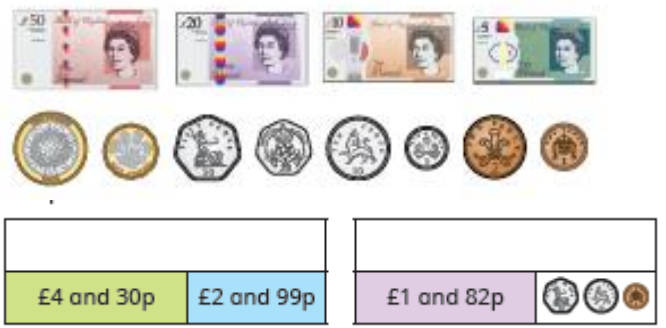
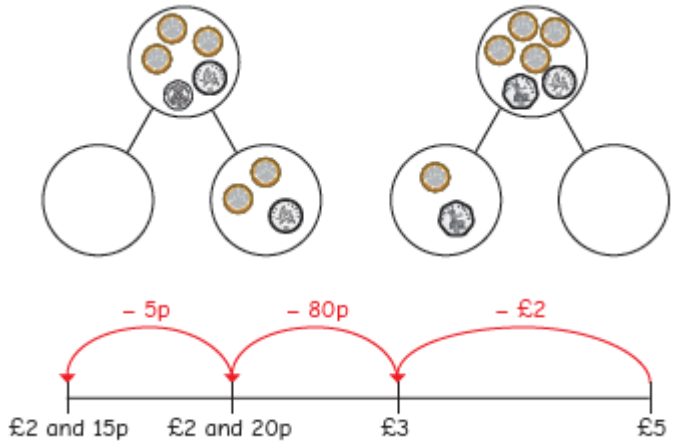
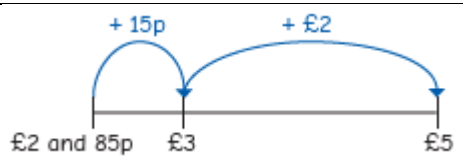
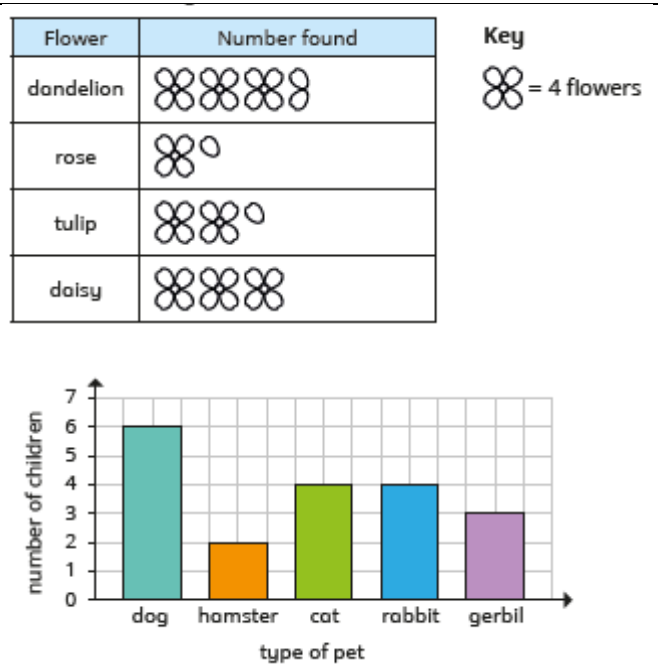
Captain Webb Primary School medium term plan

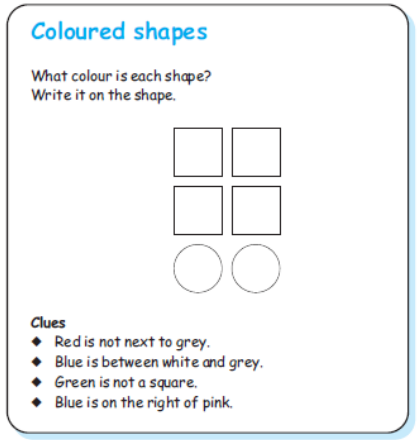
Year 3

Autumn 2	Strand	Number of weeks	Ready to Progress (Based on National Curriculum objectives)	Key areas of knowledge (small steps in learning)	Resources and methods (Calculation policy)
	Shape	2	. **Knows and can recognise different types of lines (horizontal/vertical, pairs of parallel and perpendicular).** *Knows how to describe 2D and 3D shapes using accurate language including taught lines, acute and obtuse angles.* **Knows how to draw 2-D shapes** **Knows that two right angles make a half turn, three make three quarters of a turn and four a complete turn** **Knows and can recognise right angles in 2d shapes.** **Knows what acute and obtuse angles are in relation to right angles.** Vocabulary: angle, right angle, horizontal and vertical lines, perpendicular and parallel lines, symmetrical, non symmetrical, acute and obtuse.	I know that a circle has four quarter turns. I know that a right angle is equivalent to a quarter turn. I know that an obtuse angle is greater than a right angle and an acute angle is less than a right angle. I know that a horizontal line goes from left to right and a vertical line goes from top to bottom. I know that parallel lines run side by side but never meet and perpendicular lines meet at a right angle. I know that 2D shapes are made up of different properties.	  

				I know that 3D shapes are solid and have faces, edges and vertices.	
	Money	3	*Knows the correct notation and strategies for calculating with money.* **Knows how to add/subtract amounts of money to give change using both £ and p in practical contexts.**	I know that there are 100 pence in one pound. I know how to add amounts of money I know how to subtract amounts of money I know that I can use subtraction to find how much change is owed.	 

					
	Statistics	2	*Knows that scales are used in graphs and can read simple scales with increased accuracy.* **Knows how to interpret and analyse data using bar charts, pictograms, tables and venn diagrams.** **Knows how to use information presented in varying representations of discrete data to answer one and two step problems.** *Knows how to present data in many contexts using bar charts, pictograms, tables and venn diagrams.* **Vocabulary: pictograms, charts, tables, interpret, calculate, sun, difference, between data**	I know that pictures can represent different amounts in a pictogram. I know that bar charts can use different scales. I know that a data can be represented in cells of a two-way table. I know how to represent data in a pictogram using a key. I know how to represent data in a bar graph using different interval amounts. I know how to represent data in a two-way table.	

	Girls	Boys	Total
Glasses	12	9	
No glasses	15	14	
Total			

	Strand	Number of lessons	Ready to progress (Based on National Curriculum objectives)	Key area of knowledge (Small steps in learning)	Resources and methods
Autumn 2	Logic	3	I know where the starting point is. I know how to find the best clue. I know when I can place information with certainty. I know when my deduction is accurate. I know how to present the solution.		<u>Lesson 1 – adapt to shapes taught in lesson 3D shapes.</u>  Coloured shapes What colour is each shape? Write it on the shape. Clues ◆ Red is not next to grey. ◆ Blue is between white and grey. ◆ Green is not a square. ◆ Blue is on the right of pink. <u>Lesson 2</u>

Rebecca's favourite school day

Monday	Maths	Literacy	Lunchtime	Science	ICT in the ICT room
Tuesday	Science	Literacy		Maths	Art
Wednesday	Literacy	Maths		Swimming	History
Thursday	RE / PE	Maths		Literacy	Music
Friday	Literacy	Maths		Geography in Mr Singh's room	PE

Rebecca's clues

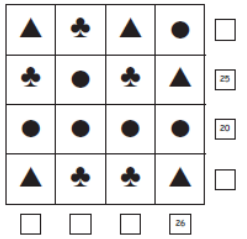
- Maths is her favourite subject.
- She prefers to do maths in the morning.
- She doesn't like PE other than swimming.
- She prefers to be in her own classroom at the end of the day.

Lesson 3

Shape puzzle

Each shape stands for a number.

The numbers shown are the totals of the numbers in the row or column.



Find the totals of the remaining rows and columns.