

Dovecote Primary School – Maths Long Term Planning



Children First

EYFS Nursery				
	1 st half term		2 nd half term	
Autumn	<p>Cardinality</p> <ul style="list-style-type: none"> -Number names -Counting objects <p>Comparison</p> <ul style="list-style-type: none"> -One for me, one for you is the same -Same or different objects 	<p>Composition</p> <ul style="list-style-type: none"> -All or some items -parts of items -missing pieces <p>Shape, Space, Measure</p> <ul style="list-style-type: none"> -Fitting objects together -Fitting objects inside each other -Plain or patterned fabrics and pictures 	<p>Cardinality</p> <ul style="list-style-type: none"> -Number names to three -Counting tells me how many I've got -Numerals 1, 2, 3 <p>Comparison</p> <ul style="list-style-type: none"> -Same or different objects. -Same or different quantities. 	<p>Composition</p> <ul style="list-style-type: none"> -Pairs <p>Shape, Space, Measure</p> <ul style="list-style-type: none"> -Spaces too small for me to get inside -Begin repeating patterns
Spring	<p>Cardinality</p> <ul style="list-style-type: none"> -Number names to five and in order -Strategies for counting up to 3 objects -Know when all items are counted and stop <p>Comparison</p> <ul style="list-style-type: none"> -Which group of objects has more? - When groups of items are the same, up to 3. 	<p>Composition</p> <ul style="list-style-type: none"> -Cutting into halves -putting two halves together makes a whole <p>Shape, Space, Measure</p> <ul style="list-style-type: none"> -different shapes in the environment -Positional language 	<p>Cardinality</p> <ul style="list-style-type: none"> -Number names to five -Strategies for counting five items -Last number said is the amount you have - items in a group without counting -Subitise up to three items <p>Comparison</p> <ul style="list-style-type: none"> -Which group of objects has fewer? - Classroom labelling helps us tidy up 	<p>Composition</p> <ul style="list-style-type: none"> -Splitting into parts, then back together to make a whole <p>Shape, Space, Measure</p> <ul style="list-style-type: none"> -patterns repeat again and again -Balancing/not balancing construction items
Summer	<p>Cardinality</p> <ul style="list-style-type: none"> -Number names to five -Numerals to five -Written symbols can represent numerals - Things can be added <p>Comparison</p> <ul style="list-style-type: none"> -Two groups have the same (up to 5) - Last number said is the amount you have 	<p>Composition</p> <ul style="list-style-type: none"> -Quantities separated into two parts, total remains the same -Numbers can be made from other numbers <p>Shape, Space, Measure</p> <ul style="list-style-type: none"> -Names of basic shapes -Shapes have sides/edges and corners -Heavy/light -Tall/short -Long/short 	<p>Cardinality</p> <ul style="list-style-type: none"> -Number names to ten -Numerals to five -Things can be taken away <p>Comparison</p> <ul style="list-style-type: none"> -Two groups have more, fewer or same (up to 5) 	<p>Composition</p> <ul style="list-style-type: none"> -Quantities separated into two or more parts, total remains the same -Numbers can be made from other numbers <p>Shape, Space, Measure</p> <ul style="list-style-type: none"> -Flat faces of 3D shapes balance on another -Money is used to buy things -A container can be full or empty

EYFS Reception		
	1st half term	2nd half term
Autumn	<ul style="list-style-type: none"> - Number Songs - Repeating pattern - Numbers one to four, and zero, with 4Cs (counting, comparison, composition and change) - Unitising (pairs) - Subitising fixed images (dice) and up to three objects. - Chanting to ten - 2D/3D shape (circle, triangle, rectangles: square and oblong), cylinder, sphere - Position and distance, high and low - Chanting to ten - Identifying same/different - Double one/double three. 	<ul style="list-style-type: none"> - Numbers four to seven with 4Cs. - Estimating - Unitising - Subitising fixed images (dice/five frames) and up to three objects/images. - Chanting to ten and back, chanting to twenty - Number bonds to five - 2D/3D shape (pentagon and hexagon, triangular prism, square-based pyramid, cube, cuboid) - Length/weight
Spring	<ul style="list-style-type: none"> - Numbers eight to ten - Unitising (one full ten frame) - Subitising fixed images (dice/five and ten frames) and up to three images/four objects. - Chanting to ten/twenty and bac - Number bonds to five - Capacity - Double five is ten 	<ul style="list-style-type: none"> - Subitising fixed images (ten frames) and up to five objects/images - Chanting to ten/twenty and back - Chanting in twos - Addition and subtraction facts for five - Number bonds to ten - Addition and subtraction stories within ten - Evens and odds - 2D/3D shape revisit - Time and money - Chanting to ten/twenty and back. Chanting beyond 20.
Summer	<ul style="list-style-type: none"> - Subitising up to five objects/images. Conceptual subitising. - Chanting to ten/twenty and back. Chanting beyond 20. - Chanting in twos. - Even and odds. - Addition and subtraction facts for five. - Number bonds to ten. - Halving, doubling, sharing. - Revisit repeating pattern. - Chanting in twos. - Halving, doubling, sharing. 	<ul style="list-style-type: none"> - Eleven to twenty through place value (e.g. ten and x more). - Unitising (one full ten frame) - Subitising up to five objects/images. Conceptual subitising. - Chanting to ten/twenty and back. Chanting beyond 20. - Chanting in twos, tens, fives. - Counting in twos, extension: fives and tens). - Addition and Subtraction facts for five/Number bonds to ten. - Measures review

Dovecote Primary School – Maths Long Term Planning

Key Stage 1



Year 1													Children First
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn	Number and Place Value: Numbers to 10		Calculations: Addition and Subtraction				Geometry: Position and direction		Number and Place Value: Numbers to 20 Autumn NTS Assessment		Calculations: Addition and Subtraction within 20		
Spring	Calculations: Addition and Subtraction within 20		Geometry: Properties of Shape; Shapes and Pattern		Measurement: Length and Height	Review and Apply		Number and Place Value: Numbers to 40		Calculations: Addition and Subtraction Spring NTS Assessment		Calculations: Multiplication	
Summer	Calculations: Multiplication	Calculations: Division	Fractions	Number and Place Value: Numbers to 100		Measurement: Time/Money/Volume and Capacity/Mass				Geometry: Position and Direction: Space	Summer NTS Assessment Review and Apply		

Year 2													
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn	Number and Place Value: Numbers to 100			Calculations: Addition and Subtraction			Calculations: Multiplication of 2, 5 and 10		Calculations: Multiplication and Division of 2, 5 and 10		Autumn NTS Assessment Measurement: Length/Mass/Temperature		
Spring	Statistics: Picture graphs	Calculations: More word problems		Measurement: Money		Geometry – Properties of Shapes: 2D and 3D shapes			Spring NTS Assessment Review and Apply				
Summer	Measurement: Time/Volume			Revisit Topics (based on identified gaps) Review and Apply					Summer NTS Assessment Review and Revisit Topics				

Dovecote Primary School – Maths Long Term Planning

Lower Key Stage 2



Year 3													Children First
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn	Number and Place Value: Numbers to 1000		Calculations: Addition and Subtraction					Calculations: Multiplication and Division			Autumn NTS Assessment Calculations: Further Multiplication and Division		Review and Apply
Spring	Measurement: Length/Mass/Volume					Review and Apply	Measurement: Money			Measurement: Time Spring NTS Assessment			Review and Apply
Summer	Statistics: Picture and Bar Graphs	Fractions, Decimals and Percentages: Fractions					Geometry – Properties of Shapes: Angles		Geometry – Properties of Shapes: Lines and Shapes		Summer NTS Assessment Measurement: Perimeter of Figures		Review and Apply

Year 4													
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn	Number and Place Value: Numbers to 10 000			Calculations: Addition and Subtraction within 10 000				Calculations: Multiplication and Division Autumn NTS Assessment				Calculations: Further Multiplication and Division	Review and Apply
Spring	Calculations: Further Multiplication and Division			Statistics: Graphs	Fractions, Decimals and Percentages: Fractions			Measurement: Time		Fractions, Decimals and Percentages: Decimals Spring NTS Assessment			Review and Apply
Summer	Measurement: Money		Measurement: Mass, Volume and Length			Measurement: Area of Figures		Geometry – Properties of Shapes: Geometry			Geometry – Position and Direction: Position and Movement	Summer NTS Assessment Number and Place Value: Roman Numerals	Review and Apply

Dovecote Primary School – Maths Long Term Maths Planning

Upper Key Stage 2



Year 5													Children First	
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	
Autumn	Number and Place Value: Numbers to 1 000 000			Calculations: Addition and Subtraction		Calculations: Multiplication and Division			Calculations: Word Problems	Statistics: Graphs		Autumn NTS Assessment	Review and Apply	
Spring	Fractions, Decimals and Percentages: Fractions				Review and Apply	Fractions, Decimals and Percentages: Decimals		Fractions, Decimals and Percentages: Percentages	Geometry-Properties of Shapes: Geometry		Spring NTS Assessment		Review and Apply	
Summer	Geometry-Properties of Shapes: Position and Movement	Measurement: Measurements			Measurement: Area and Perimeter			Measurement: Volume		Number and Place Value: Roman Numerals		Summer NTS Assessment		Review and Apply

Year 6													
	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
Autumn	Number and Place Value: Numbers to 1 000 000	Calculations: Four operations on whole numbers				Fractions, Decimals and Percentages: Fractions		Fractions, Decimals and Percentages: Decimals		Autumn NTS Assessment		Measurement: Measurements	Review and Apply
Spring	Measurement: Measurements	Word Problems	Review and Apply	Fractions, Decimals and Percentages: Percentages	Ratio and Proportion: Ratio		Review and revision		Measurement: Area and Perimeter		Geometry-Properties of Shapes: Geometry Geometry-Properties of Shapes: Position and Movement Spring NTS Assessment		Review and Apply
Summer	Statistics: Graphs and Averages		Number and Place Value: Negative numbers	SATS	Measurement: Volume	Geometry-Properties of Shapes: Geometry		Geometry-Properties of Shapes: Position and Movement	Statistics: Graphs and Averages	Apply/Transition			Review and Apply

