



The Orchards Primary Academy

Where learning has no limits and personal growth is endless...

GREEN HEART

Progression in Mathematics (Ark Maths Mastery) – Reception

Autumn	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11
	Early mathematical experiences				Pattern and early number		Numbers within 6		Addition and subtraction within 6	Measures	Shape and sorting
	<ul style="list-style-type: none"> Classifying objects based on one attribute Matching equal and unequal sets Comparing objects and sets Ordering objects and sets 				<ul style="list-style-type: none"> Recognise, describe, copy and extend colour and size patterns Count and represent the numbers 1 to 3 Estimate and check by counting 		<ul style="list-style-type: none"> Count up to six objects. One more or one fewer Order numbers 1 – 6 Conservation of numbers within six 		<ul style="list-style-type: none"> Explore zero Explore addition and subtraction 	<ul style="list-style-type: none"> Estimate, order, compare, discuss and explore capacity, weight and lengths 	<ul style="list-style-type: none"> Describe, and sort 3-D shapes Describe position accurately
Spring	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 8	Week 9	
	Numbers within 10		Calendar and time	Addition and subtraction within 10	Grouping and sharing		Number patterns within 15		Doubling and halving	Shape and pattern	
	<ul style="list-style-type: none"> Count up to ten objects Represent, order and explore numbers to ten One more or fewer, one greater or less 		<ul style="list-style-type: none"> Days of the week, seasons Sequence daily events 	<ul style="list-style-type: none"> Explore addition as counting on and subtraction as taking away 	<ul style="list-style-type: none"> Counting and sharing in equal groups Grouping into fives and tens Relationship between grouping and sharing 		<ul style="list-style-type: none"> Count up to 15 objects and recognise different representations Order and explore number patterns to 15 One more or fewer 		<ul style="list-style-type: none"> Doubling and halving Relationship between doubling and halving 	<ul style="list-style-type: none"> Describe and sort 2-D and 3-D shapes Recognise, complete and create patterns 	
Summer	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	
	Securing addition and subtraction facts		Number patterns within 20		Number patterns beyond 20	Money	Measures		Exploration of patterns within number		
	<ul style="list-style-type: none"> Commutativity Explore addition and subtraction Compare two amounts 		<ul style="list-style-type: none"> Count up to 10 and beyond with objects Represent, compare and explore numbers to 20 One more or fewer 		<ul style="list-style-type: none"> One more one less Estimate and count Grouping and sharing 	<ul style="list-style-type: none"> Coin recognition and values Combinations to total 20p Change from 10p 	<ul style="list-style-type: none"> Describe capacities Compare volumes Compare weights Estimate, compare and order lengths 		<ul style="list-style-type: none"> Explore numbers and strategies Recognise and extend patterns Apply number, shape and measures knowledge Count forwards and backwards 		