

PROGRESSION IN THE TEACHING OF FRACTIONS, DECIMALS AND PERCENTAGES

<u>Reception Objectives</u>			
Solve problems involving doubling and halving			
Part of a whole (item or quantity or set of items)	Result of division (including when the numerator is smaller than the denominator)	Fraction of a number	Ratio (one object as a fraction of another)
<p>• Cut a cake in half – how many pieces?</p> <ul style="list-style-type: none"> • Fill half the tarts with strawberry jam and half with lemon curd. • How many cakes in the box. Take half of them out. How many did you take out? How many are left? • Put half of the sheep in the field ... cars in the garage ... dinosaurs in the forest ... • Find a partner. How many children are there? How many pairs are there? • Find halves of paper shapes by folding them. • Use pairs of gloves: how many gloves make up a pair? How many gloves in half a pair? • How many slices of bread do we need to make 4 whole sandwiches for the cafe? 	<ul style="list-style-type: none"> • Break one thing into half and recombine to make a whole: <ul style="list-style-type: none"> ○ apple ○ cake/s ○ tower of multilink ○ class fruit ○ groups of toys ○ children • Sharing sweets between two people or between two toys. • Arrange ladybirds between two leaves so that it is fair. • How should we plant the daffodil bulbs in three pots? Is there a way of doing it so the same are in each pot? 	<p>Placing whole numbers on a number line with spaces in between. Talk informally about where to place $4\frac{1}{2}$ on a number line made up of birthday cards showing numerals to represent someone's age.</p>	<p>The big teddy has 2 sweets every time the little teddy has one.</p> <ul style="list-style-type: none"> • Finding half an amount and double an amount. • Carry on the pattern. What is the colour of the seventh car? • Recreate patterns: thumb print, palm, palm, thumb print, palm, palm ... If we had 10 prints, how many are palm prints?