	Spring 2 Year 3					
Links to prior learning/ objectives Children will have had experience looking at multiplication facts- especially 2,5,10s. Multiplication and division strategies taught in year 2 (focussed around 2/5/10 maybe 3 facts) Children will have learnt about fractions, focusing on ½, ¼, 2/4, ¾ and 1/3, understanding what they represent. Children will have found fractions of amounts and started to compare fractions.	Resources Counting stick, number line, physical fractions, fraction wall, bar models, Mastery: (where to find some resources) • Teaching for Mastery • White Rose New and old documents • Mastery maths stickers • Nrich (curriculum mapping)	L.E.A.D. Academy Trust Lead • Empower • Achieve • Drive Tenths, divide, ascending, descending, increase, decrease, equal. Recognise, find, name, write, fractions, numerator, denominator, shapes, quantities, length, half, quarter, three-quarter, third, unit fractions, non-unit fractions, order, compare, discrete, equivalence, numerator, denominator				
Objectives and Teaching						
Barriers to ARE (misconceptions) Week 1 Children may not understand what a fraction is. They may not know that the larger the denominator the smaller the fraction. Children may struggle to apply their knowledge of fractions of a range of objects/ lengths and shapes. Children may not have a secure understanding of multiplication and division. Children may not recognise what the equivalence means and that two fractions can be the same. Children may not recognise what the numerator and denominator represent.	Objectives and Teaching Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominator. • To know what a fraction is. • To understand what a fraction is. • To know the difference between a unit and non-unit fraction. • To develop the skill of using unit and non-unit fractions. • To understand how to recognise unit and non-unit fractions.					
Fluency	Reasoning	Problem Solving				



eve • Drive



Week 2

			Frac equal wl	ctions to on hole	e		Fraction less ti ne wi	ons han hole
fr	Unit action	s						
N fr	on-uni action	it s						
$\left[\frac{3}{4}\right]$	$\frac{3}{5}$	$\frac{1}{3}$	$\left \frac{1}{4} \right $	$\left[\frac{2}{2}\right]$		$\frac{4}{4}$	$\frac{2}{5}$	$\left \frac{1}{2}\right $

Sort the fractions into the table

Are there any boxes in the table empty? Why?

Here are four fractions of four different bars.

Can you draw the whole bar for each?



Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.





	<u>Spring 2 Year 3</u>	
Complete the number line. 0 $\frac{1}{3}$ $\frac{2}{3}$ 1 $1\frac{1}{3}$ $1\frac{2}{3}$ 2 $2\frac{1}{3}$ $2\frac{2}{3}$ 3 The number line has been split into equal parts. Can you label each part correctly? 0 1	Eva has drawn a number line. Eva has drawn a number line. $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Alex and Joanne are counting up and down in thirds. Alex starts at $5\frac{1}{3}$ and counts backwards. Joanne starts at $3\frac{1}{3}$ and counts forwards. What fraction will they get to at the same time?
Week 3 Same as above	 Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators. To know how to find a fraction of a discrete set of objects. To develop the skill of finding a fraction of a discrete set of objects. To know how to identify a fraction of a discrete set of objects. To develop the skill of identify a fraction of a discrete set of objects. 	
Fluency	Reasoning	Problem Solving



	Spring 2 Year 3	
Kieron has £3 and 50 p He wants to give half of his money to his brother. How much would his brother receive?		Rajesh has £28Ne Acadomy TrustRajesh has £28On Friday, he spent $\frac{1}{4}$ of his money.On Saturday, he spent $\frac{2}{3}$ of his remaining money and gave £2 to his sister.On Sunday, he spent $\frac{3}{5}$ of his remaining money.How much money does Rajesh have left?What fraction of his original amount is this?
Week 4	Solve problems that involve all the above. (fract	tions)
Same as previous weeks. Children may struggle to apply their understanding to a problem/ context. Children may mix up what the skills/ fraction understanding.		
Fluency	Reasoning	Problem Solving

