

Cloudside Academy
MTP Year 4 Spring 2 2019-20



Resources Counting sticks, bar models, fraction walls, physical fractions (games),		Mastery: (where to find some resources) <ul style="list-style-type: none"> • Teaching for Mastery • White Rose • Mastery maths stickers • Nrich (curriculum mapping) 	Links to prior learning/ objectives ~ Place value of ones, tens, hundreds and thousands. ~ focussed on multiplication facts for 2,5,10,3,4 and 8. ~ Strategies for multiplication and division. ~ Knowledge of what a fraction is, ordering them, finding equivalents and comparing them. ~ Knowledge of unit and non-unit fractions. ~ Understanding of symmetry and how to identify it (especially vertically).	
Dates	Objectives	Vocabulary	Barriers to ARE (misconceptions)	
24.2.20	Recognise and show, using diagrams, families of common equivalent fractions	Fractions, equivalent, multiplication, division, families, diagrams	Children may not understand what a fraction represents. Children may struggle to apply their multiplication knowledge to identify equivalent fractions. Children may struggle to use resources such as a fraction wall to recognise equivalent fractions. Children may struggle to represent a fraction.	
2.3.20	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.	Hundredths, ascending, descending, increasing, decreasing, divide,	Children may struggle with the place value understanding. Children may not understand how amounts are affected when they are divided by 10.	
9.3.20	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number	Fractions, unit, non-unit, numerator, denominator, divide, whole,	Children may struggle to understand what a fraction is. Children may struggle to apply their understanding of multiplication and division. Children may struggle with fractions that are non-unit fractions. Children may find the unit fraction of an amount but forget the second step to find the non-unit.	
16.3.20	Add and subtract fractions with the same denominator	Fractions, numerator, denominator, add, subtract	Children may struggle to add and subtract fractions (especially if they are taught procedurally first).	

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23.3.20	Assessment week		
30.3.20	Consolidate		