

**Ellingham C of E Primary School**  
**Year 3 Assessment Expectations**  
**Mathematics: Fractions**

<b>End of Term 1</b>	<b>End of Term 2</b>	<b>End of Term 3</b>
<b>Number: Fractions</b>		
I can recognise and find unit fractions with small denominators of a discrete set of objects.	I can recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators, starting to show an understanding of the relation between unit fractions as operators and (fractions of) and division by integers.	I can confidently recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with a wider range of denominators; explaining the relation between unit fractions as operators (fractions of) and division by integers.
I can compare some unit fractions.	I compare and order unit fractions, and fractions with the same denominators.	I compare and order unit fractions, and fractions with the same denominators; explaining how fractions are ordered using precise vocabulary.
I understand fractions of amounts to 10.	I recognise and show, using diagrams, equivalent fractions with small denominators.	I recognise and show, using diagrams, a wider range of equivalent fractions with small denominators. Starting to recognise families of equivalent fractions.
I can count up and down in tenths and recognise that tenths arise from dividing an object into ten equal parts.	I recognise and use fractions as numbers unit and non-unit fractions with small denominators. Places them on a number line and starts to deduce relations between them such as size and equivalence. Counts forwards and back.	I understand fractions as numbers using a wider range of fractions: unit and non-unit fractions with small denominators. I deduce and explain relations between them, e.g. size and equivalence, beyond the 0 -1 range and in contexts such as measures.
	I can count up and down in tenths and recognise that tenths arise from dividing an object into ten equal parts and in dividing one-digit numbers or quantities by 10.	I confidently add and subtract fractions with the same denominator within one whole e.g. $5/7 + 1/7 = 6/7$ .
I begin to + & - fractions with the same denominator within one whole starting with halves and quarters.		I fluently count up and down in tenths and recognise that tenths arise from dividing an object into ten equal parts and in dividing one-digit numbers or quantities by 10 makes connections with place value, decimal measures and division by 10.
<b>Problem Solving:</b> I solve problems using increasingly harder fractions.		I solve problems and number puzzles using the appropriate range of fractions in a range of contexts and solve them, giving clear explanations of reasoning and methods using precise mathematical vocabulary, diagrams and symbols.