



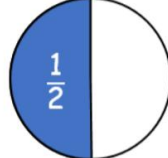




# St John Fisher RC Primary School

## Year Two Maths Knowledge Organiser

### Summer Term One – Fractions

Learning Intentions	Teacher
Equal and unequal parts	
Recognise a half	
Recognise a quarter	
Recognise a third	

Equal and unequal parts	Recognise a half
 <p>There are <u>3</u> equal groups.</p> <p>There are <u>4</u> in each group.</p>  <p>The groups are not equal. They are unequal.</p>	 $\frac{1}{2}$ <p>The whole has been divided. There are 2 equal parts. 1 of the parts is shaded.</p>

Recognise a quarter	Recognise a third
 $\frac{1}{4}$ <p>The whole has been divided. There are 4 equal parts. 1 of the parts is shaded.</p>	 <p>The whole has been split into <u>3</u> equal parts. Each part is worth one <u>third</u> . This can be written as <math>\frac{1}{3}</math></p>

Key Vocabulary	
<b>Denominator</b>	The bottom number in a fraction; it shows how many equal parts the whole is divided into.
<b>Fraction</b>	A part of a whole. It is written as one number over another, e.g. $\frac{1}{2}$ .
<b>Half</b>	One of two equal parts of a whole ( $\frac{1}{2}$ ).
<b>Numerator</b>	The top number in a fraction; it shows how many parts you have.
<b>Quarter</b>	One of four equal parts of a whole ( $\frac{1}{4}$ ).
<b>Third</b>	One of three equal parts of a whole ( $\frac{1}{3}$ ).
<b>Whole</b>	The complete object or quantity that is being divided into fractions.

Assessment	



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### Summer Term One – Fractions

Learning Intentions	Teacher
Find the whole	
Unit fractions	
Non-unit fractions	
Count in fractions up to a whole	

**Find the whole**

The whole is 6  
 The whole has been split into 2 equal groups.  
 Each part is worth 3  
 $\frac{1}{2}$  of 6 = 3

**Unit fractions**

What fraction is shaded?

There are 4 equal parts.  
 There is 1 part shaded.  
 $\frac{1}{4}$  is shaded.

**Non-unit fractions**

What fraction is shaded?

There are 4 equal parts.  
 There are 2 parts shaded.  
 $\frac{2}{4}$  is shaded.

**Count in fractions up to a whole**

Dexter is drawing fractions.

There are 4 equal parts.

4 parts are shaded.

$\frac{4}{4}$  is shaded.

The whole shape is shaded.  $\frac{4}{4} = 1$  whole

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Assessment	

