



## ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

**TOPIC TITLE: LS9 Fraction and Decimal Equivalents**

**YEAR GROUP: 6**

**TERM: Autumn 1**

<p><b>Vocabulary</b></p> <p style="text-align: center;"> <span style="color: orange;">Convert</span>  <span style="color: orange;">decimal</span>  <span style="color: orange;">mixed number</span>  <span style="color: orange;">improper</span>  <span style="color: green;">equivalent</span>  <span style="color: green;">fraction</span>  <span style="color: blue;">part</span>  <span style="color: blue;">whole</span>  <span style="color: purple;">value</span>  <span style="color: purple;">numerator</span>  <span style="color: purple;">common factors</span>  <span style="color: magenta;">common denominator</span>  <span style="color: magenta;">simplify</span>  <span style="color: magenta;">division</span> </p>	<p><b>Skills</b></p> <ul style="list-style-type: none"> <li>Associate fractions with division</li> <li>Decimal and fraction equivalents</li> </ul>	<p><b>What we already know</b></p> <ul style="list-style-type: none"> <li>Ordering numbers with up to 3 decimal places</li> <li>Recognising and comparing tenths and hundredths</li> <li>Exploring families of common equivalent fractions</li> <li>Create equivalent fractions by multiplying and dividing</li> </ul>
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**10 ÷ 5 = 2 so I also know 1 ÷ 5 = 0.2.**

**I know that  $\frac{1}{5} = 0.2$  so I also know that  $\frac{2}{5} = 0.4$**

**0.40 is equivalent to  $\frac{2}{5}$ .**

### Fractions and Decimals Wall

1 1.0									
$\frac{1}{2}$ 0.5					$\frac{1}{2}$ 0.5				
$\frac{1}{3}$ 0.33			$\frac{1}{3}$ 0.33			$\frac{1}{3}$ 0.33			
$\frac{1}{4}$ 0.25		$\frac{1}{4}$ 0.25		$\frac{1}{4}$ 0.25		$\frac{1}{4}$ 0.25			
$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2		$\frac{1}{5}$ 0.2	
$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167		$\frac{1}{6}$ 0.167	
$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142		$\frac{1}{7}$ 0.142	
$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125		$\frac{1}{8}$ 0.125	
$\frac{1}{9}$ 0.111		$\frac{1}{9}$ 0.111		$\frac{1}{9}$ 0.111		$\frac{1}{9}$ 0.111		$\frac{1}{9}$ 0.111	
$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1		$\frac{1}{10}$ 0.1	
$\frac{1}{11}$ 0.09		$\frac{1}{11}$ 0.09		$\frac{1}{11}$ 0.09		$\frac{1}{11}$ 0.09		$\frac{1}{11}$ 0.09	
$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083		$\frac{1}{12}$ 0.083	

Fractions	Decimals
$\frac{1}{2}$	0.5
$\frac{1}{3}$	0.3
$\frac{2}{3}$	0.6
$\frac{1}{4}$	0.25
$\frac{3}{4}$	0.75
$\frac{1}{5}$	0.2
$\frac{1}{10}$	0.1
$\frac{1}{20}$	0.05
$\frac{1}{100}$	0.01