



ALMOND HILL JUNIOR SCHOOL MEDIUM TERM PLAN

TOPIC TITLE: LS13 Equivalent fractions and LS14 Compare and order fractions

YEAR GROUP: 5

TERM: Autumn

<p>Vocabulary</p> <p>Fractions Numerator Denominator Equivalent Improper Mixed number Multiply Divide Parts and whole Compare < less than > greater than</p>	<p>Skills</p> <ul style="list-style-type: none"> - Identify and name fractions. - Recognise and create equivalent fractions. - Identify, and convert, improper and mixed number fractions. Apply this to worded problems. - Comparing fraction to $\frac{1}{2}$ - Comparing fractions whose denominators are multiples of the same number. 	<p>What we already know</p> <ul style="list-style-type: none"> - Equivalent fractions introduced from Year 2 onwards.
---	---	---

Illustration

The illustration section contains several visual aids for understanding equivalent fractions:

- A horizontal bar divided into 5 equal segments, with the 1st and 4th segments shaded red.
- A circle divided into 4 equal sectors, with 3 sectors shaded in different colors (blue, yellow, orange).
- A horizontal bar divided into 8 equal segments, with the first 3 segments shaded red.
- Two circles, each divided into 8 equal sectors. The first circle has 5 sectors shaded blue, and the second has 13 sectors shaded blue (representing 1 whole and 5 parts).
- Below the circles is the equation: $1\frac{5}{8} = \frac{13}{8}$
- A horizontal bar divided into 10 equal segments, with the first 4 segments shaded grey.
- Four circles, each divided into 2, 4, 6, and 8 equal sectors respectively. The first two sectors of each are shaded orange.
- Below the circles is the equation: $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$
- Two diagrams showing fraction equivalence:
 - $\frac{2}{5}$ is equivalent to $\frac{4}{10}$ (achieved by multiplying numerator and denominator by 2).
 - $\frac{2}{5}$ is equivalent to $\frac{4}{10}$ (achieved by dividing numerator and denominator by 2).
- A large grid of equivalent fractions for denominators 2 through 12. Each row represents a denominator, and each column represents a numerator from 1 to the denominator. The fractions are color-coded by denominator: 2 (pink), 3 (red), 4 (orange), 5 (yellow), 6 (light green), 7 (green), 8 (teal), 9 (light blue), 10 (blue), 11 (dark blue), 12 (purple).