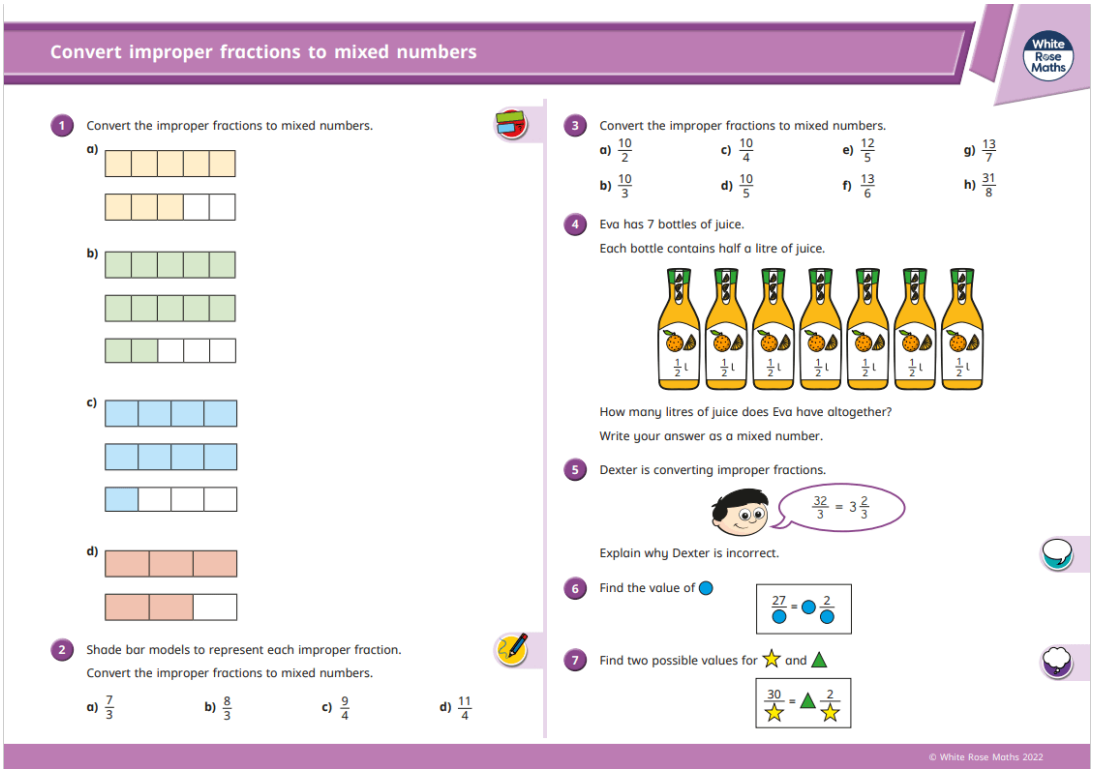
At St Peter and St Paul, we use the White Rose Maths scheme for daily maths lessons. It is rooted in the mastery approach, emphasising deep understanding, problem-solving, and fluency, enabling pupils to build strong mathematical foundations.

We feel that one key benefit is its systematic design. White Rose breaks the curriculum into small, manageable steps, ensuring concepts are introduced sequentially and reinforced effectively. This scaffolding supports all learners, including those who may struggle, by fostering confidence and competence before progressing to more complex topics.

The scheme's focus on conceptual understanding encourages pupils to grasp *why* mathematical methods work, rather than just memorizing procedures. This deep understanding leads to long-term retention and application of knowledge in different contexts.

White Rose also promotes active engagement through the use of visual representations, manipulatives, and real-world problem-solving tasks. These resources make abstract concepts accessible and engaging, accommodating diverse learning styles.



Convert improper fractions to mixed numbers

1 Convert the improper fractions to mixed numbers.

a)

b)

c)

d)

2 Shade bar models to represent each improper fraction.
Convert the improper fractions to mixed numbers.

a) $\frac{7}{3}$ b) $\frac{8}{3}$ c) $\frac{9}{4}$ d) $\frac{11}{4}$

3 Convert the improper fractions to mixed numbers.

a) $\frac{10}{2}$ c) $\frac{10}{4}$ e) $\frac{12}{5}$ g) $\frac{13}{7}$

b) $\frac{10}{3}$ d) $\frac{10}{5}$ f) $\frac{13}{6}$ h) $\frac{31}{8}$

4 Eva has 7 bottles of juice.
Each bottle contains half a litre of juice.

How many litres of juice does Eva have altogether?
Write your answer as a mixed number.

5 Dexter is converting improper fractions.

$\frac{32}{3} = 3\frac{2}{3}$

Explain why Dexter is incorrect.

6 Find the value of ●

$\frac{27}{●} = ● \frac{2}{●}$

7 Find two possible values for ★ and ▲

$\frac{30}{★} = ▲ \frac{2}{★}$