Year 5 Fractions Knowledge Organiser



Sentence Stem

I noticed that...

If., then...

96.

It can't be... because ...

It must be ... because ...

This is different because...

This is the same because...

This is true here because... I already know that... so...

When converting a mixed number to

simply add the whole number to the numerator of the mixed number.

rather than adding what the whole

number is worth. For example, they

may convert 4 5 6 into 9 6, rather than

an improper fraction, children may

Misconceptions: Why?

Star Vocabulary

Equivalent	equal in value, amount,
	function, meaning etc.
Numerator	The number above the line in
	a vulgar fraction showing how
	many of the parts indicated
	by the denominator are
	taken.
Denominator	The number below the line in
	a vulgar fraction; a divisor.
Whole	All of; entire.
Fraction	a numerical quantity that is
-	not a whole number
Simplify	to reduce an equation or
	fraction to a simpler form by
	cancellation of common
	factors, regrouping of terms in
	the same variable.
Improper	A fraction in which the
	numerator is greater than or
	equal to the denominator.
Mixed number	A whole number and a
	fraction combined into one
	mixed number.
Convert	To change a value or
	expression from one form to
	another.

Can recognise and identify a numerator and denominator in a fraction and explain what these represent.

Fractions

Children extend their understanding of fractions and mixed numbers by adding and subtracting unrelated fractions using formal written methods involving finding common denominators.



Factual & Conceptual Fluency progression

