



Stage Five – Spring One

KIRF: I can recognise equivalent fractions and decimals.

Children should be able to convert between fractions and decimals and recall common decimal and fraction equivalences instantly.

What can this look like?

Concrete:

$0.4 = \frac{4}{10}$

Pictorial:

Abstract:

Fraction	Decimal
$\frac{1}{2}$	0.5
$\frac{1}{4}$	0.25
$\frac{3}{4}$	0.75
$\frac{1}{10}$	0.1
$\frac{2}{10}$	0.2
$\frac{3}{10}$	0.3

Questions to ask at home

How many **tenths** is 0.8?

How many **hundredths** is 0.12?

Write 0.75 as a **fraction**?

Write $\frac{1}{4}$ as a **decimal**?

Things to try

Dominos- write the fraction and decimal the domino is showing

Bingo- make your own fraction to decimal bingo game

Pairs game- make your own fraction and decimal card matching game

Key vocabulary

Convert- To change the expression without changing the size or amount.

Decimal number- A number with a decimal point.

Fraction- A fraction represents the equal parts of the whole.

Hundredth- One out of 100 equal parts. The fraction form is $\frac{1}{100}$ and the decimal 0.01

Tenth- One out of 10 equal parts. The fraction form is $\frac{1}{10}$ and the decimal 0.1

Websites-

https://www.mathplayground.com/ASB_Puppy_Chase_Decimals.html

https://www.transum.org/software/SW/Starter_of_the_day/Students/Pairs.asp?Topic=15