Geevor and Crown Maths Learning for week beginning 1st June

Geevor- I am aiming to find equivalent fractions and use them to compare fractions.

Crown- I am aiming to find equivalent fractions and use them to compare fractions. As well as, understand equivalence between fractions, decimals and percentages.

Notes for Parents.

Numerator – top number in a fraction, the amount of parts in question

Denominator- bottom number in a fraction, the total of all the parts

Equivalent fraction- two fractions with the same value. For example, 3/5 is the same as 6/10

When converting between fractions, decimals and percentages use find equivalent fractions where possible so denominator = 100

For example - 1/5 (x numerator and denominator by 20) = 20/100 = 20% = 0.2

Teaching input

* Write the following fractions : 3/4, 5/8, 2/3.
* Ask children to discuss and write 3 equivalent fractions for 3/4 and 5/8
* Repeat with 2/3, 7/12 and 5/6 . Discuss and justify reasons

Crown

* Display a blank 100-square (*see resources*). *What fraction of the big square is one little square? How can we write this? And as a decimal?* Children write 1/100 ≡ 0.01. *What is this as a percentage of the whole square?* Write 1%.
* Shade the top row. *What fraction is shaded now? What is this as decimal? And as a percentage*? Write 10/100, 1/10, 0.1, 10%.
* Shade the top two rows. Children write the fraction(s) shaded (simplifying as much as possible), the decimal and the percentage shaded. (2/10, 1/5, 0.2, 20%)
* Repeat with three then five rows, then 25 squares so they form a 5 × 5 square in one corner of the large square. *How much is not shaded?* (75/100, 3/4, 0.75, 75%)
* Shade one row and one small square. Children write the equivalent fraction and decimal (11/100, 0.11 and 11%).
* Repeat with one row and five small squares, then nine rows and five small squares.
* Write on the board 2/5 and 0.3. *Which is more?* Children discuss, how they can compare them. Take feedback, e.g. we could write both as decimals (0.4 and 0.3) or both as tenths, 4/10 and 3/10. Or even as percentages! (40% and 30%).
* Repeat with 3/4 and 60%, then 0.25 and 3/10. Make sure that children realise that 0.25 is less than 0.3. If necessary, show both on the 100-square to show that 0.25 only has 2 tenths so is less than 0.3 with 3 tenths.

Applying Learning;

Geevor- Sheet 1

Crown- Sheets 2 and 3

Geevor – Equivalent Fractions

Geevor- Read and Discuss Fraction Knowledge Organiser

Crown- Calculations code breaker