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| Term  | Week:  | **Maths Weekly Planning Sheet****Fractions** |
| **Achievement Objectives** |
| **Level 1** | **Level 2** |
| **Year 1****Level 1 – Emergent – Stage 1 & 2** | **Year 2** **Level 1 – Stage 3 & 4** | **Year 3 & 4****Level 2 – Stage 4 & 5 AC - EA** | **Extension** **Level 3 – Stage 5 & 6 EA - AA** |
| ***Number Strategies*** *Use a range of counting, grouping, and equal-sharing strategies with whole numbers and fractions*  | ***Number Strategies*** *Use simple additive strategies with whole numbers and fractions* | ***Number Knowledge****Know simple fractions in everyday use.* |
| **Stage 2** **Knowledge*** Identify unit fractions from regions.
* Find half an object.
* Recognise fraction symbols: ½, ⅓, ¼, 1/5
* Find half of a set of objects.
* Find a quarter of an object.
* Find a quarter of a set of objects.

**Strategies** | **Stage 3 – 4** **Knowledge*** Identify unit fractions from regions.
* Discover how a half can be smaller than a quarter.
* Find half of a set of objects by equal sharing.
* Find a quarter of a shape or object.
* Know doubles to 10 & halves to 20

**Strategies****Stage 3*** Find halves and quarters of sets of objects to 20 by equal sharing of objects
* Find by practical means halves and quarters of shapes and objects e.g. half a glass of water

**Stage 4*** Find simple fractions of shapes & lengths, starting with halves & quarters, then moving to thirds, fifths and tenths
* Find a fraction of a number by sharing out the objects equally, then skip counting.

Emphasis on halves, quarters, eighths, thirds and fifths. | **Stage 4 – 5 AC - EA****Knowledge*** Identify doubles & halves
* Recognise fraction symbols & names
* Create & name unit fractions from regions.
* Create & name unit fractions on geoboards.
* Create a whole from a fraction part given.
* Identify symbols for halves, quarters, thirds, fifths & tenths, including fractions greater than one.
* Find a fraction of a number of objects by equal sharing in thirds, fifths, & eighths.
* Find a fraction of a set using doubles.

**Strategies*** Find fractions of shapes & lengths including fractions greater than 1.
* Put fractions in order from smallest to largest.
* Order unit fractions and fractions with the same denominator and explain why they are larger or smaller
* Find a unit fraction of a set using addition facts, particularly doubles, e.g. ¼ of 16 is 4 using ½ of 16 is 8.
* Find unit fractions of a continuous region, like a length or area, using halving.
* Order fractions visually using materials, including improper fractions like 3/5 and 4/7 , and explain what the numerator and denominator mean.
 | **Stage 5 – 6 EA – AA****Knowledge*** Identify, create & name fractions when the denominator is not 1.
* Order fractions & decimals.
* Find a fraction of a set using addition facts.
* Find a fraction of a continuous region.

**Strategies*** Find fractions of a set using multiplication and division, e.g. 31 of 21 is 7 ( 31 × 21 = 7)
* Use symmetry to find fractions of continuous shapes like lengths, circles, and rectangles.
* Solve division problems that have fraction answers using halving.
* Measure how many times a unit fraction goes into a whole number, e.g. How many quarters are in five? (5 ÷ 41 = 20)
* Rename improper fractions as mixed numbers using materials with multiplication, and position improper fractions on a number line.
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| **Vocabulary – Level 1** | **Vocabulary – Level 2** | Games |
| answer, digit, equals, even, fifth, half, is equal to, numerals, objects, problem, quarter, solve, whole, region, object, third, fifth | Between, bigger, biggest, double, equals, greater half, is equal to, less than, more than, problem, quarter, smaller, smallest, solve, fraction, denominator, numerator, third, fifth, eighth, tenth,  |  |
| **Group** | **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Maintenance** |  |  |  |  |  |
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