|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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. | | | |
| **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** | |  | | | |  | | | |  |  | | | |  |
|  | |  | | | |  | | | |  |  | | | |  |
|  | |  | | | |  | | | |  |  | | | |  |
|  | |  | | | |  | | | |  |  | | | |  |
|  | |  | | | |  | | | |  |  | | | |  |