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| Term | Week: | | | **Maths Weekly Planning Sheet**  **Algebra** | | | | | | | | | |
| **Achievement Objectives** | | | | | | | | | | | | | |
| **Level 1** | | | | | | | | | **Level 2** | | **Level 3** | | |
| **Year 1 Emergent – Stage 1, 2, & 3** | | | | | **Year 2 Stage 4** | | | | **Year 3 & 4 Stage 5** | | **Extension Stage 5 - 6** | | |
| ***Equations & Expressions***   * *Communicate & explain counting, grouping, & equal sharing strategies, using words, numbers & pictures.*   ***Patterns and Relationships.***   * *Generalise that the next counting number gives the result of adding one object to a set & that counting the number of objects in a set tells how many.* * *Create & continue a sequential pattern.* | | | | | ***Equations & Expressions***   * *Communicate & interpret simple additive strategies, using words, diagrams (pictures) and symbols.*   ***Patterns and Relationships.***   * *Generalise that whole numbers can be partitioned in many ways.* * *Find rules for the next member in a sequential pattern.* | | | | | | ***Equations & Expressions***   * *Record & interpret additive & simple multiplicative strategies, using words, diagrams & symbols, with an understanding of equality*   ***Patterns and Relationships.***   * *Create, continue & give the rule for sequential patterns with 2 variables* * *Create & continue spatial patterns & number patterns based on repeated addition & subtraction* | | |
| **Year 1** | | | | | **Year 2** | | | | **Year 3 & 4** | | **Extension** | | |
| **Knowledge**   * Describe a number pattern * Describe a repeating pattern. * Use vocabulary to describe the relationship of shapes in a pattern. * Recognise a missing object/shape/number in a pattern. * Use appropriate vocabulary to describe the difference between 2 groups of objects. * Use the correct vocabulary to describe the difference between 2 groups of objects.   **Strategies.**   * Use greater then, less than & equals signs to complete number sentences. * Complete a number pattern. * Make a number pattern. * Continue a number pattern. * Draw a repeating shape pattern. * Complete a repeating pattern. * Continue a repeating pattern. * Draw a diagram to show a relationship of objects in a pattern. * Use < & > confidently. * Know the meaning of = * Solve problems using the = sign. | | | | | | | | | **Knowledge**   * Continue a repeating pattern. * Recognise patterns in pictures & numbers. * Draw a pattern on a grid. * Recognise & discuss relationships.   **Strategies**   * Write number sentences using =, <, > signs. * Complete number sentences using =, <, > signs. | | **Knowledge**   * Describe rules for patterns using appropriate vocabulary. * Draw a pattern on a grid. * Use graphs to show relationships. * Use diagrams to show relationships. * Discuss the ideas shown on graphs.   **Strategies**   * Make up number sentences using = & the four operations | | |
| **Vocabulary – Level 1** | | | | | | | | **Vocabulary – Level 2** | | | Games | | |
| Bigger, continue, equals, few, follow, greater, is equal to, is greater than, is less than, larger, less, next, numbers, patterns, relationship, repeating shapes, smaller, the same as | | | | | | | | Adding, after, axis, before, dividing, follow, graph, grid, last, multiplying, next, properties, subtracting, <, >, = | | |  | | |
| **Group** | | | **Monday** | | | | **Tuesday** | | **Wednesday** | **Thursday** | | **Friday** | |
| **Maintenance** | | **Mon** – Against the Clock | | | | **Tues** – 10/20 Quick Q | | | **Wed –** 21 | **Thurs -** | | | **Fri -** |
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