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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*
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| **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
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| **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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