**Unit 18: Number Sentences (June: Week 1)**

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| **Strand(s) > Strand Unit(s)** | Algebra > Expressions and Equations. Number > Sets and Operations. |

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| **Learning Outcome(s)** | Through appropriately playful and engaging learning experiences children should be able to interpret the meaning of symbols or pictures in number sentences; select, make use of and represent a range of addition and subtraction strategies. |

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| **Lesson** | **Focus of Learning (with Elements)** | **CM** | **Learning Experiences** | **Assessment** |
| **1** | **Equal or Not Equal:** Investigates and tests the equality or ‘trueness’ of number sentences (U&C); Explores alternative ways of expressing number sentences (e.g. c = a + b / a + b = c) (U&C) |  | [D] Notice & Wonder L1, 3  [D] Think-Pair-Share L1, 3–4  [D] Reason & Respond L1–4  [D] Write-Hide-Show L1–3  [C] [P] Let’s investigate: Will it Balance? L1  [C] Matching Answers L2  [C] Let’s investigate: Not Balanced L2  [D] Concept Cartoon L4  **Print resources**  Pupil’s Book pages 107–110  Home/School Links Book page 38  PCMs 51–53 | **Intuitive Assessment:**  responding to emerging  misconceptions  **Planned Interactions:**  responding to insights gleaned from children’s responses to learning experiences  **Assessment Events:** information gathered from completion of  the unit assessment in the Progress  Assessment Booklet  pages 29 |
| **2** | **Comparing Amounts:** Records equivalent and non-equivalent sets up to 99, using <, > and = (C) |  |
| **3** | **Picture Puzzle Number Sentences:** Uses a symbol or picture to represent an unknown value in a number sentence (C); Recognises that symbols can also be used to stand for or represent a variable which can be known or unknown, and which changes depending on  the context in which it is used (R) |  |
| **4** | **Numberless Stories:** Translates verbal and/or word problems involving addition and subtraction of increasing complexity into written number sentences or expressions (and vice versa) (C); Constructs number sentences and number stories to solve problems involving  addition and subtraction within 199 (A&PS) |  |
| **5** | **Review and Reflect:** Reviews and reflects on learning (U&C) |  |

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| **Key: Elements:** (U&C) Understanding and Connecting; (C) Communicating; (R) Reasoning; (A&PS) Applying and Problem-Solving. **CM: Cuntas Míosúil:** please tick when you have completed the focus of learning. **Learning Experiences:** [C] concrete activity; [D] digital activity; [P] activity based on printed materials, followed by lesson numbers. |