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| **Student Name:** | **PHASES IN SKILL DEVELOPMENT** | | | | | |
| **Curriculum Skill: "*Rules and Properties"***  **GLD Level:** Mild  **Curricular Area:** Mathematics  **Curricular Strand:** Rules and Properties |  | **Attained** | | | **Extended** | |
| **Acquiring** | **Becoming Fluent** | **Maintenance** | **Generalisation** | **Application** | **Adaptation** |
| Explore and discuss simple properties and rules about brackets and priority of operation:    *identify, discuss and compute expressions with brackets in a variety of positions  10 + (4 + 7) = \_  (10 + 4) + 7 = \_  (8 - 1) + 4 = \_  8 - (1 + 4) = \_  (3 x 4) + 5 = \_  3 x (4 + 5) = \_  8 divided by (2 + 2) = \_  (8 divided by 2) + 2 = \_  what is the significance of the positions of the brackets?  identify, discuss and compute expressions* |  |  |  |  |  |  |
| Identify relationships and record verbal and simple symbolic rules for number patterns:    *identify and discuss rules for simple number sequences 2.0, 3.5, 5.0, 6.5 ... i.e. sequence increases by adding 1.5  81, 27, 9 ... decreases by dividing by 3  1, 4, 9, 16, 25, 36 ...* |  |  |  |  |  |  |
| Know simple properties and rules about brackets and priority of operation:    *use the calculator in exercises to find missing numerals and missing operator  e.g. 37 ? 21 ? 23 = 800  27 ? (36 ? 11) = 675* |  |  |  |  |  |  |
| Identify relationships and record symbolic rules for number patterns:    *deduce and record rules for given number patterns  2, 6, 12, 20, 30 ...  4:1, 8:2, 16:4 ...* |  |  |  |  |  |  |