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| **Adding and Subtracting Numbers to 20 Behaviours/Strategies** | | |
| 1. Student fluently adds and subtracts within 5.   **“I know 4 + 1 = 5 and 5 – 1 = 4.”** | 1. Student fluently adds and subtracts to 10.   **“I know 8 + 2 = 10 and 10 – 2 = 8.” (complements to 10)** | 1. Student fluently adds and subtracts to 20.   **“I can use doubles. I know 9 + 9 = 18 and 18 – 9 = 9.”** |
| **Observations/Documentation** | | |
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| **Using Known Facts and Mental Math Behaviours/Strategies** | | |
| 1. Student uses known sums and differences to solve addition and subtraction equations.   **25 + 17 = \_\_\_ “I know 25 + 20 = 45, and 45 minus 3 is 42.”**  **(decomposing, known facts)** | 1. Student uses properties and inverse operations of addition and subtraction to solve problems.   **41 − \_\_\_ = 12 “I can think addition to help me solve  the problem: 12 + \_\_\_ = 41.”** | 1. Student uses related facts and develops mental strategies and algorithms.   **19 + 22 = \_\_\_ “I take 1 from 22 and give it to 19 to get 20 + 21.  20 + 20 = 40, and 1 more is 41.” (compensation)** |
| **Observations/Documentation** | | |
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