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| **Grade 3** | **Lesson: 10-3**  **Comparing Fractions Using Benchmarks** | | | ***DRAFT*** |
| **Math Standard(s): 3.NF.3.d Domain: Number and Operations - Fractions** | | | | |
| **Content objective(s):** | | **Language Objective(s):** | | |
| Students will use benchmark numbers to compare fractions with the same numerator or the same denominator.  ***Je peux utiliser des nombres de référence pour comparer des fractions qui ont le même numérateur ou le même dénominateur.*** | | Students will compare fractions and say which ones are closer to 0 or 1.  ***Je peux comparer des fractions et dire laquelle est la plus proche de 0 ou de 1.*** | | |
| **Essential Understanding:**  Fractions can be compared to each other by comparing them to benchmark numbers such as 0, 1/2 and 1. | | **Required Academic Vocabulary for Word Wall:**  **Listen:**  **Read:**  **Write:**  **Speak:**  **Sentence Frame:** *“1/4 est plus proche de 0 que 3/4.”* | | |
| **Materials:**   * Guided and Independent Practice * 8 ½ inch X 1-inch paper strips (4 per student) or Teaching Tool 22 * Whiteboards, erasers and markers | | **Additional Lesson Vocabulary:** | | |
| **Lesson:** | | | **Instructional Time: 30-35 minutes** | |
| **Opening: (5 minutes)**   * Review fractions with the same denominators. * Review fractions with the same numerator.   **T: “Aujourd’hui vous allez apprendre comment comparer des fractions en utilisant des nombres de référence.”**   * Compare numbers 0, ½ and 1.   **T: “Lequel est le plus grand?” “Lequel est le plus petit?”**  **Introduction to New Material (Direct Instruction): (5 minutes)**   * Use page 250B of the Teachers’ Manual. * Write fractions on the board – 1/4 , 2/4, ¾, 1/3, 2/3, 1/8, 2/8, 3/8, 4/8, 5/8, 6/8, 7/8   **T: “Parmi ces fractions, lesquelles sont plus proche de 0 que de 1?” “Lesquelles sont plus proche de 1 que de 0?”**  **Guided Practice: (10 minutes)**  *Use the modeling cycle:*  Teacher Does:   * Distribute 4 whole strips to each group of 4 students. * Follow instructions in Instruct in Small Steps.   1 Students Does with Teacher:   * Have a student come up and help you demonstrate.   2 Students Do:   * Have students come up and show the class how to compare the fractions.   All Students Do:   * Have students work in groups to name the remaining fractions from the list that are closer to 1 than 0.   S: *“1/4 est plus proche de 0 que 3/4.”*  **Independent Practice: (7 minutes)**   * Read problems 1-12 on page 250 in the textbook to the students. Have them solve independently.   **Closing: (6 minutes)**   * Solve 2 problems from page 251 as a whole class. | | | | |
| **Assessment:** | | | | |
| **Guided and Independent Practice** | | | | |