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| **Clarity for Learning** | |
| **Standard KY.K.OA.3** Decompose numbers less than or equal to 10.  a. Decompose numbers into two groups in more than one way **by using objects or drawings** and record each decomposition by a drawing or equation.  b. Use objects or drawings to demonstrate equality as the balancing of quantities. | |
| **Concepts (Nouns)**  numbers  objects  drawings  equation  equality | **Skills (Verbs)**  decompose  demonstrate  balance |
| **Learning Progressions**  *Prerequisite Skills:*   * Establish numerosity of a collection of objects up to10 * Understand the relationship between numbers and quantities: connect counting to cardinality (K.CC.4) * Count to answer “how many?” questions with as many as 10 things in various configurations. (K.CC.5) * Establish the numerosity of two collections of objects combined   *Grade Level Skills:*   * Partition numbers/objects into two groups in multiple ways up to and including 10 * Record decomposition by a drawing or equation * Demonstrate equality as balancing of quantities (the same as, equivalent)   *Clarifications:*  When presented with a numeral or collection (10 or less), the student separates that amount into two groups or collections via drawings or objects.  Note: Drawings need not show detail, but accurately represent the quantities involved in the task.    Students represent an equation as the balance of quantities.  Note: Drawings need not show detail, but accurately represent the quantities involved in the task.      KY.K.OA.3→KY.1.OA.6 | |
| **Learning Intentions (I am learning to...)** | **Success Criteria (I know I’m successful when...)** |
| Decompose numbers into two groups.  Show how different combinations can be equivalent. | * I can partition numbers in the range of 1-5 using objects, drawings, finger patterns, domino patterns. * I can record number partitions within 5 using drawings or equations * I can partition numbers in the range of 6-10 using objects, drawings, finger patterns, domino patterns, ten frames * I can record number partitions within 10 using drawings or equations * I can partition numbers within the range of 1-10 in multiple ways * I can show sets of objects that are balanced or equivalent. * I can understand and demonstrate equal partitions through use of objects and pictures so the quantities on both sides have the same value. |