**Grade Level:** Kindergarten

**Subject Area(s):** Math

**Materials Needed:** Beads, pipe cleaner, dice, marker board, dry erase markers

**Standards:** K.CC.4: Understand the relationship between numbers and quantities; connect counting to cardinality

K.CC.3: Write numbers from 0 to 20

K.OA.1: Represent addition and subtraction with objects, fingers, mental images, drawings, sounds, acting out situations, verbal explanations, expressions, or equations

**Objectives:**  1. Students will be able to add up to a sum of 12

**Learning Activities** 1. The student will roll a pair of dice

2. The student will add the dots of each dice and determine the sum

3. The student will use one color of bead to represent one di and a second color to represent the second di.

4. The student will put the correct number of each color bead onto a pipe cleaner and count the number of beads to come up with the sum.

5. The student will practice writing the equation on a marker board

**Reflection Questions** “How did you know you could use mental math on this one?”

“How did you check to make sure you got the right answer?”

**Assessment** 1. The student will be observed by the teacher to ensure that they are getting the correct sum for each equation

**Reflection**  The students did not enjoy this lesson very much. I think that this lesson would have been more appropriate during the beginning of the year. Most of the students were too advanced to do this lesson. A lot of them got bored during the lesson.

I think that part of the reason that the students were getting bored was because each math station went on for about 20 min that day. There was only so much adding that the students could do before they were bored and reverted to challenging behaviors. In order to help keep the lesson interesting, I had some students practice subtraction with the dice. This seemed to peak some of the students’ interests but it was far above some of the other student’s abilities.

I would teach this lesson again, but it would be more towards the beginning of the year.