

SMALL GROUP ACTIVITIES

Age Level: Math

Subject(s) Area: Kindergarten

Materials Needed: Egg matching set

Standards:

Code and description:

K.OA.1-Represent addition and subtraction in a variety of ways.

K.OA.4-Find the number that makes 10 when added to a given number from 1 to 9.

Record with a drawing or equation.

K.OA.5-Fluently add and subtract within 5.

Objectives:

What will the students know or be able to do? At what Bloom's Taxonomy Level? To what accuracy? Students will be able to solve different addition and subtraction problems using the numbers 1-9.

Learning Activities:

Technology: None

Required Vocabulary: None

Opening Element: Start off with giving them each a piece of paper and dividing the egg tops between the students. Tell them to write their problems on the piece of paper and to solve them.

Reflective Questions: Remember how to use the 10's table?

Instructional Methods:

- I will start out by giving each student a piece of paper and reviewing the 10's table.
- I will then give each of them some halves of eggs and tell them to write the problem on their paper and solve it.
- After they have all of the problems solved, they will then get to find the match to their eggs. For example, one half of the egg they will write on their paper may read, "9-8" and they then have to match it to the other half of the egg reading "1".
- If they have more time, they will play it again or I will show them an egg with a problem and an answer on it. If it right, they will quietly show me a thumbs up, but if they think it's wrong, they will show me a thumbs down and tell me the correct answer and how they got it.

- Guided Practice Strategies: Levels of scaffolding, various elements broken into parts, etc.
-“I do, you do”
- Independent Concrete Practice/Application: practice of skills in practical ways
-Each student will complete a set of problems on a piece of paper as well as match the correct eggs together.
- Classroom management/movement
-No movement involved in this activity.
- Differentiation:
-Give the student a certain amount of eggs to match
-Have the problems already written out so the students just have to solve them.

Wrap-Up: Show them

Assessment:

Formative: Students will complete problems on their own.

Summative: Have the students complete a worksheet.

Reflection:

Overall I thought this lesson went great. The students loved the activity so instead of 3 groups I had to do about 5 just because everyone wanted to try it. With so many different levels of knowledge in the class, this activity was good to reach a variety of learners. I did have a variety of number sentences so I could take it down a bit for the learners who needed simpler equations. Also vice versa, with the students who needed more of a challenge I added a dice to the mix. Mrs. Schuchard has these dice that have a small dice inside of a big one so when you roll it you get two numbers. This was nice because the students who were advanced had three numbers to add instead of just two. I learned a lot from watching the students do this activity because it was fun to see the different levels of learners and adjusting to the activity as I went on to different groups.

