Grant Mattox, MS
Elk Meadow Elementary, Bend/LaPine Public Schools

Slap Tap Math

Lesson Overview:
Take a movement break to work on math computation and number pattern skills.

Grade Level: K-5th

Lesson Time: 10 minutes

Materials Needed: None

Prior Knowledge: Fluency with addition and subtraction

Content Integration:
- Math
- Physical Education

Corresponding Standards:
- Participate in physical activity
- CCSS.Math.Content.1.OA.C.6 Add and subtract within 20, demonstrating fluency for addition and subtraction within 10. Use strategies such as counting on; making ten (e.g., $8 + 6 = 8 + 2 + 4 = 10 + 4 = 14$); decomposing a number leading to a ten (e.g., $13 - 4 = 13 - 3 - 1 = 10 - 1 = 9$); using the relationship between addition and subtraction (e.g., knowing that $8 + 4 = 12$, one knows $12 - 8 = 4$); and creating equivalent but easier or known sums (e.g., adding $6 + 7$ by creating the known equivalent $6 + 6 + 1 = 12 + 1 = 13$).
- CCSS.Math.Content.2.OA.B.2 Fluently add and subtract within 20 using mental strategies.2 By end of Grade 2, know from memory all sums of two one-digit numbers.
- CCSS.Math.Content.2.NBT.A.2 Count within 1000; skip-count by 5s, 10s, and 100s.
- CCSS.Math.Content.3.OA.D.9 Identify arithmetic patterns (including patterns in the addition table or multiplication table), and explain them using properties of operations. *For example, observe that 4 times a number is always even, and explain why 4 times a number can be decomposed into two equal addends*.

Lesson Objective
Students use movement to practice addition and subtraction and related multiplication and division problems

Lesson Description:
Partners face each other while the teacher selects a starting number. Begin with right hand and alternate touching partner's right hand, left hand, right foot, left foot and continue that pattern. Each time they "slap", they add or subtract a set number.

For example:

- If adding by 3—say 3 with first slap, then 6, 9, 12, …
- To increase difficulty choose a larger starting number but still add 3 each time.
- If subtracting, choose a starting number like 30 and subtract 4 each time. 30, 26, 22, …