

Shake and Spill

Objective:

Practice finding combinations of numbers within 10

Materials:

- Shake and Spill Recording Sheets
- 2-sided colored counters
- Paper Cups

Directions:

- Give students a recording sheet for the number they are working with that day. Have students start with small numbers (4 or 5), and over time have them use numbers from 4 to 10.
- Students place their assigned number of counters in a cup. They then shake the cup and spill out the counters.
- Students record the combination of colors they get by coloring the circles on their recording sheets.
- Have students repeat spilling the counters and coloring the circles until they have filled their sheets.

Early math content areas covered:

- Various combinations of numbers under 10.

Monitoring children's progress and tailoring the activity appropriately:

- Start students with numbers three to five. As students become more proficient increase the numbers value.

Using the activity to increase math talk in the classroom:

- Talk to students about all the ways they found to make their number.
- Ask them whether they think they found all the different ways. Have students explain their answers.