
Directions: Drop the Sticks!

Students can play alone or in groups of 2-3.

Materials:

- Set of Popsicle sticks for each group.
Options include: 10 or fewer popsicle sticks all with the same dot dice pattern, 10 or fewer popsicle sticks all with the same digit, a combination of dot dice pattern and numeral popsicle sticks.

Directions:

1. Provide students with a set of appropriately challenging popsicle sticks.
2. Determine whether children will find the total of the sticks that land face up or the sticks that land face down.
3. Players drop the sticks and determine the total.

Options:

- Children can record their thinking by writing down the number of groups, the number in each group and a total. As children begin to learn about notation for multiplication, students can also record a number sentence.
- Children can play using a multiples game board. Students cross out the total number of dots on the game board and play until getting 3 in a row.

Multiples of 2

10	14	8	6	12
18	2	16	12	18
12	8	4	10	14
4	18	6	0	16
2	16	14	8	6

Multiples of 3

12	21	15	24	9
27	0	6	18	27
21	24	9	15	12
9	18	27	3	24
15	6	12	21	18

Multiples of 5

35	15	30	0	25
10	40	5	35	45
25	45	20	40	15
30	10	45	20	40
20	35	15	30	25

