

FOCUS AREAS FOR PRE-KINDERGARTEN:

- ▶ Count from zero to ten and understand how numbers can represent groups of objects. For example, show that a plate has six cookies by counting the cookies aloud, making sure to count each cookie only once.
- ▶ Use counting to find out whether one group has more or fewer objects than another group. For example, find out whether one bowl has more oranges than another bowl by counting the oranges in each bowl.
- ▶ Use language to describe and compare objects based on their length, width, or height. For example, explain that one book is *taller* or *thicker* than another book.

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BY THE END OF PRE-KINDERGARTEN, STUDENTS CAN:



- ▶ Recognize and name numerals 0–10.
- ▶ Use a numeral from 0 to 10 to show how many objects are in a group.
- ▶ Use objects to add and subtract with numbers up to 5. For example, take one ball away from four balls to find out that $4 - 1 = 3$.
- ▶ Sort everyday objects based on their characteristics. For example, put large toys in one basket and small toys in another basket.
- ▶ Use language to describe objects' positions and relationships. For example, tell what is *beside* a desk or *above* the door.
- ▶ Create three-dimensional shapes using Popsicle sticks, pattern blocks, and other objects.
- ▶ Recognize and name squares, circles, triangles, and rectangles.
- ▶ Recognize coins and paper money (bills). Understand that the coins and bills have value.

QUESTIONS YOU CAN ASK YOUR CHILD:

- ▶ How many green beans are on your plate? Do I have more than you?
- ▶ How many points will we have if we get one more?
- ▶ Which is heavier: the stove or a plate?

TOPICS YOU CAN DISCUSS WITH YOUR CHILD'S TEACHER:

- ▶ How high (how many numbers) your child can count
- ▶ Games that can help your child practice math at home

