



Ready Set Math

Home Communication and Engagement

Strong partnerships with families are built on clear and purposeful communication. We recognize student learning extends beyond the classroom and into the home. The following resources are intended to provide support when communicating the learning focus with families as well as ways to engage in learning mathematics beyond the classroom.

Communicating the Learning of Sub-Goal A: Form 10s and count by 10s

Consider using the following key ideas for communicating the learning outcomes of this sub-goal:

- Our number system is based on units of 10, making the number 10 an important number for students to understand. Place Value instruction begins first with an emphasis on counting by 10s, forming units of 10, and using units of 10 to set a foundation for addition and subtraction.
- Counting by 10s involves learning the order of the number words by 10 both forward and backward.
 - Counting by 10s includes starting from 10 (i.e., 10, 20, 30, 40, ...) and starting from numbers other than 10 (i.e., 4, 14, 24, 34, ...).
- Making collections of 10 with items like craft sticks helps students build the understanding of a unit of 10.
- Using units of 10 to increase and decrease a collection prepares students for addition and subtraction with large numbers.

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Beyond the Classroom

Consider the following suggestions for making activities accessible to families and extending the learning through daily activity:



Making Activities Accessible

- Place value materials for home use can include bags of craft sticks, drinking straws or toothpicks bundled with rubber bands.
- Use index cards or cards made from scrap paper to create sets of numerals cards and arrow cards for home activities.
- All activity boards and spinners are available as downloads for printing. Consider placing the activity boards, spinners, student directions, and any additional materials in gallon-sized bags when sending home.
- Consider video recording students doing the activities in the classroom and sending short video clips home through email or digital classroom newsletters to help families better understand the activities.
- For homes where English is not the primary language, consider using the resources within your district or community to provide translated materials for families to read in their language.



Opportunities to Extend Learning

- Ask your student to count by 10s starting at a number other than 10. For example, "Starting at 3, count by 10s."
- While walking around a store or driving around town, ask your student to say the number that is 10 more or 10 less than a number you see (e.g., on a billboard, house number, price tag).
- Counting pennies is an opportunity for your student to practice making groups of 10 and to count the collection using the groups of 10. Dimes can be used to increase or decrease a collection of money, providing another opportunity to use 10 in counting situations.