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**Parent and Guardian Math Resources: Second  
Grade**

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What do Second Graders need to know?  
What does this look/sound like?  
How can I support my child at home?

## Parent and Guardian Math Resources: Second

The Arizona Mathematics Standards define the knowledge, understanding, and skills that need to be taught and learned so all students are ready to succeed in credit-bearing, college-entry courses, and/or in the workplace. The Arizona Mathematics Standards are the foundation to guide the construction and evaluation of mathematics programs in Arizona K-12 schools and the broader Arizona community. These standards were adopted by the Arizona State Board of Education in December of 2016

### MEASUREMENT

#### Measure the length of an object

[Video: Measure an object](#)

[Video: Choosing a tool to measure](#)

Your child will use rulers, yard sticks, meter sticks, and tapes measures to measure the length of objects in both metric and U.S. Customary units. Measure anything and everything around the home! Make sure to talk to your child about why they chose that measurement tool (for example why a yardstick instead of a ruler).

#### Estimate lengths

[Video: Coming Soon](#)

Your child will estimate lengths in units of inches, feet, centimeters, and meters. Before actually measuring items, have your child estimate how long the item is before measuring and then compare the estimation to actual length. You will soon see your child become experts at estimating!

#### Use the number line to represent addition and subtraction

[Video:  \$37 + \quad = 63\$](#)

Number lines will be drawn by your child to help them add, subtract, or compare two numbers. Keep in mind that all number lines will not begin at zero and your child may skip count on the number lines by 10, 20 or more!

### **Solve word problems involving money, using \$ and ¢ symbols**

#### **[Video: Change for 76 Cents](#)**

The grocery store is a great opportunity to practice these skills using various scenarios on what you want to buy. When paying in cash at any establishment, let your child pay and receive the change asking the cashier to count the change back to your child or having your child tell the cashier how much should be given for change.