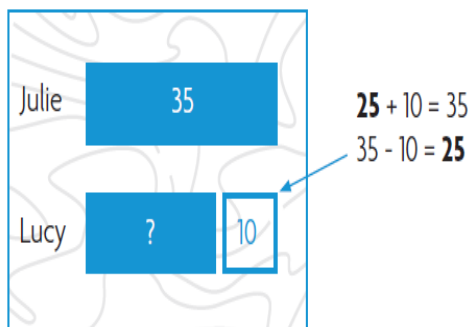


Students in grade two will use diagrams such as this one to think through and solve one- and two-step word problems.

Julie has 35 books. Julie has 10 more books than Lucy. How many books does Lucy have? How many books do they have together?

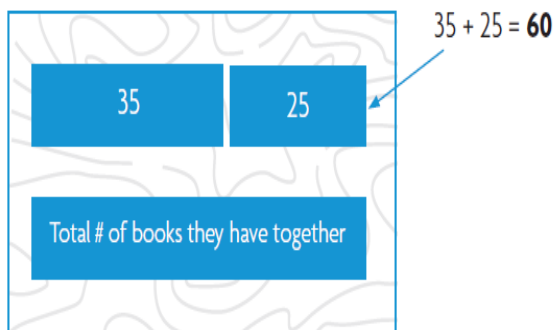
Step 1: If Lucy has 10 less books than Julie, students first need to figure out what 10 less than 35 is.

$$35 \text{ books} - 10 \text{ books} = 25 \text{ books}$$



Step 2: Students then have to add the number of books Julie has to the number of books Lucy has.

$$35 \text{ books} + 25 \text{ books} = 60 \text{ books}$$



Grade 2 Mathematics

- Understand that 100 can be thought of as a bundle of ten tens—called a “hundred”
- Understand that the three digits of a three-digit number represent amounts of hundreds, tens, and ones (place value)
- Add and subtract numbers through 1000 using what students have learned about place value

Here are just a few examples of how students will develop and use their understanding of place value in grade two.

Students learn that $250 = 2$ hundreds and 5 tens, 25 tens, or 250 ones.

$$250 = 2 + 5 + 0$$

hundreds tens ones

Students apply their understanding that 5 tens + 5 tens = 10 tens, or 1 hundred, that can then be added to the hundreds place.

$$250 + 253 = 503$$

hundreds tens ones hundreds tens ones hundreds tens ones

Helping your child learn outside of school

1. Play math games with your child. For example, “I’m thinking of a number. It has 5 tens, 3 hundreds, and 4 ones. What is the number? 354.” Or, using a deck of cards, deal two cards and ask your child to add the two numbers. You can also identify a target number and ask your child to either add or subtract to obtain that target number (use a target of 20 or less).
2. Have your child explain the relationship between different numbers without counting. For example, 147 is 47 more than 100 and three less than 150.
3. Encourage your child to stick with it whenever a problem seems difficult. This will help your child see that everyone can learn math.
4. Praise your child when he or she makes an effort and share in the excitement when he or she solves a problem or understands something for the first time.

Parent ROADMAP

to
California Common Core Standards
2nd Grade

To view Common Core State Standards:

www.cde.ca.gov/re/cc/index.asp



The way we taught students in the past simply does not prepare them for the higher demands of college and careers today and in the future. Your school and schools throughout the country are working to improve teaching and learning to ensure that all children will graduate high school with the skills they need to be successful.

SUPPORTING YOUR CHILD IN GRADE 2

ENGLISH LANGUAGE ARTS

In grade two, students will continue to build important reading, writing, speaking, and listening skills. They will think, talk, and write about what they read in variety of texts, such as stories, books, articles, and other sources of information including the Internet. In their writing, students will learn how to develop a topic and strengthen their skills by editing and revising.

Activities in these areas will include:

- Reading stories, including fables and folktales from different cultures, and identifying the lesson or moral of the story
- Reading texts about history, social studies, or science and identifying the main idea
- Answering *who, what, where, when, why,* and *how* questions about stories and books
- Describing the reasons that an author gives to support a point
- Learning and using new words
- Learning the rules of spoken and written English
- Participating in class discussions by listening and building on what others are saying
- Describing in their own words information learned from articles or books read aloud
- Working together to gather facts and information on a topic
- Writing about a short series of events and describing actions, thoughts, and feelings
- Writing about opinions on books using important details and examples to support a position

READING LITERATURE

Grade 2 Reading

- Students retell stories and determine their central message, lesson, or moral.
- Students acknowledge differences in the points of view of characters, including by speaking in a different voice for each character when reading dialogue aloud.

READING FOR INFORMATION

Grade 2 Reading

- Students ask and answer such questions as *who, what, where, when, why,* and *how* to demonstrate understanding of key details in a text.
- Students explain how specific images or illustrations (such as a diagram of how a machine works) are useful.

Grade 2 Writing

- Students introduce a topic and use facts and definitions to develop points.
- Students provide a concluding statement or section.

Helping your child learn outside of school

1. Provide time and space for your child to read independently. This reading time should be free from distractions such as television.
2. Ask your child what topics, events, or activities he or she likes. Then look for books, magazines, or other materials about those topics that would motivate your child to read.
3. It is also helpful when your child sees other people reading at home. You could share what you have read.
4. Start a family book club. Let different members of the family pick the book. This could be a good way to enjoy quality family time while experiencing the joy of reading together!
5. Be sure your child has a library card. Children should select books in which they are interested to develop a passion for reading. Many libraries have book clubs and family activities that make reading fun for the entire family.
6. Use technology to help build your child's interest in reading. There are several websites where students can read books or articles online. The computer will help with words the student cannot read independently. Libraries also have computers students can use to access those sites. Feel free to ask a librarian or teacher for suggestions.

SUPPORTING YOUR CHILD IN GRADE 2

MATHEMATICS

In grade two, students will extend their understanding of place value to the hundreds place. They will use this place value understanding to solve word problems, including those involving length and other units of measure. Students will continue to work on their addition and subtraction skills, quickly and accurately adding and subtracting numbers up through 20 and also working with numbers up through 100. They will also build a foundation for understanding fractions by working with shapes and geometry.

Activities in these areas will include:

- Quickly and accurately adding numbers together that total up to 20 or less or subtracting from numbers up through 20
- Solving one- or two-step word problems by adding or subtracting numbers up through 100
- Understanding what the different digits mean in a three-digit number
- Adding and subtracting three digit numbers
- Measuring lengths of objects in standard units such as inches and centimeters
- Solving addition and subtraction word problems involving length
- Solving problems involving money
- Breaking up a rectangle into same-size squares
- Dividing circles and rectangles into halves, thirds, or fourths
- Solving addition, subtraction, and comparison word problems using information presented in a bar graph
- Writing equations to represent addition of equal numbers

Grade 2 Mathematics

- Solve one- and two-step word problems by adding or subtracting numbers up through 100