

Reader Summaries

Celebrate 100 Days and Party Time

Celebrate 100 Days (lesson on pages 36–40)

Counting
Reading Level 1.7

This reader uses a 100th Day celebration to teach counting. Students read about a classroom that finds objects that can be counted to 100. They also learn about ways to make sets of 100, such as by counting 10 groups of 10. They read about familiar objects that may come in sets of 100 and then read as the students in the story go looking for sets in their own homes and their classroom. The reader lists things that students can do 100 times, such as hopping or counting to 100. The class in the reader even decides to pick up 100 pieces of trash! Finally, the reader includes the numbers from 1 to 100 in a continuous line at the bottom of each page for students to use as a reference.

Party Time (lesson on pages 41–45)

Counting
Reading Level 0.4

This reader focuses on twins who are planning a birthday party. They have to use their counting skills to make decisions about the party. The main characters of the story use counting in all aspects of their party planning. They count friends on the invite list, make a shopping list of things to buy, and count party favors to make sure there are enough for everyone. Counting in groups—from 2s to 5s to 10s—is also shown to be a smart way to make counting easier. In the end, the counting and the party were great successes.

Reader Summaries *(cont.)*

A Mountain of Trash and Smile! A Trip to the Dentist

A Mountain of Trash (lesson on pages 60–64)

Addition Facts

Reading Level 1.7

In this reader, students are introduced to addition facts as they read about all the ways that sanitation workers try to help make our planet cleaner. This includes reading about trash, recycling, and composting. The reader also describes yard waste pick up, snowplowing and removal, and even Christmas tree disposal! Students will see how they can apply their addition facts to find out such information as how much trash people make each day, how much snow is loaded onto a truck, and how many bags of trash are collected each day. The examples provided in the reader teach students that mathematical skills are used in everyday life.

Smile! A Trip to the Dentist (lesson on pages 65–69)

Addition Facts

Reading Level 0.6

In this reader, students learn about what they can expect to see and do when they visit the dentist's office. This includes reading about x-rays, tools for cleaning and polishing teeth, and flossing. The reader also shows charts that list both healthy and sugary foods. Students are able to see that addition skills can be used to count teeth, tally the number of lost teeth, or keep track of time spent brushing and flossing. They finally use their addition skills to solve a problem about the number of special helping jobs in a fictional community.

Reader Summaries *(cont.)*

Shopping in the City and Let's Play

Shopping in the City (lesson on pages 84–88)

Subtraction Facts
Reading Level 1.7

This reader highlights all the different ways that subtraction is used during a day of shopping in the city. Various real-world scenarios teach students about how to track the amount of money spent using subtraction. Shoppers must use subtraction to make sure that they get the correct amount of money back in change. Stores must use subtraction to know how much inventory they have left to sell. Students learn that a day of shopping may extend beyond simply buying books or clothes. It may include food shopping in the grocery store or buying food in a restaurant. At the end, students solve a real-world subtraction problem to help a boy decide if he has enough money to buy something for himself and his sister.

Let's Play (lesson on pages 89–93)

Subtraction Facts
Reading Level 0.7

This reader shows students different games that may require subtraction. The familiar games include chess, checkers, jump rope, hopscotch, marbles, tag, handball, basketball, and soccer. Students also see that subtraction is represented in various ways, such as a word problem, an illustration, and a number sentence. They read about different scenarios in these games that require subtraction to see how many are left, how many objects are taken away, or how many players are “out.”

Reader Summaries *(cont.)*

Music Around the World and Crafty Kids

Music Around the World (lesson on pages 108–112)

Patterns

Reading Level 1.7

This reader shows students the patterns that exist in music from around the world. Countries featured include Peru, Australia, Iran, China, Japan, Africa, Mexico, and Italy. Patterns can be found within instruments, musical beats, and notes. Students learn that music rooted in various cultures all incorporate patterns in some way. The reader also includes an example of a numerical pattern found in music: the number of different parts of a tambourine. A mathematical table helps to illustrate this idea of patterns in numbers. Finally, students create a pattern using different shapes.

Crafty Kids (lesson on pages 113–117)

Patterns

Reading Level 0.9

This reader tells a story of a school holding a craft sale to pay for new books for the school library. Classes complete different art projects to sell at the craft sale. Each craft uses patterns in some way. Students learn that patterns can be included in crafts made from all different kinds of art materials. The pattern might be made using shapes, colors, or small objects. Examples of craft projects include gift bags, placemats, potholders, picture frames, bookmarks, and pencils. This reader shows students how incorporating patterns in art makes for very interesting, creative, and colorful results!

Reader Summaries *(cont.)*

Looking for Shapes and Shaping Up

Looking for Shapes (lesson on pages 132–136)

2-D Shapes

Reading Level 1.6

This reader teaches students that shapes are all around us. It shows cities around the world, including Paris, Hong Kong, Chicago, and Melbourne. Students see that shapes are part of our everyday life and can be found on street signs, in museums, on buildings, and in airports. Food and playgrounds even come in familiar shapes! This reader focuses on circles, squares, triangles, and rectangles. Students learn relevant vocabulary that helps them describe the shapes. At the end, students study a design and count the shapes that they see.

Shaping Up (lesson on pages 137–141)

2-D Shapes

Reading Level 0.7

This reader describes a shape study that a class is starting, with a focus on learning about squares, circles, triangles, and rectangles. Students learn that they need to look no further than their own classroom to see many real-world examples of different shapes. Circular clocks, rectangular bookshelves, square computer keys, and snacks of all shapes and sizes are featured. Students also learn how shapes can be related, such as a circular dessert that is cut into triangular pieces.

Reader Summaries *(cont.)*

A Year in Our Lives and A Day in Our Lives

A Year in Our Lives (lesson on pages 156–160)

Time

Reading Level 1.7

This reader is designed to help students understand the measurement of time. The story follows a school year schedule and includes each month on the calendar, starting in September. Two pen pals who live on opposite sides of the globe write back and forth and share their lives. The pen pals learn about what each child is doing in his or her own city during a particular time of year. They begin to understand the similarities and differences that exist between the them. Using examples from the lives of these two characters, students learn about telling time by becoming familiar with the months of the year, by reading analog and digital clocks, and by studying a timeline that represents hundreds of years.

A Day in Our Lives (lesson on pages 161–165)

Time

Reading Level 0.8

This reader focuses on two children who are cousins living in two different cities. The story is organized chronologically, according to the time of day, beginning with the time before school and ending with bedtime. As the day unfolds, students read about different activities that both children are doing. They are able to see both analog and digital clocks that tell time throughout the day. Students are also able to solve problems that ask for the duration of certain events. The reader provides a wonderful snapshot into a child's life and how the time of day dictates the kinds of activities that occur. In the end, students work to solve a real-world problem about time.

Reader Summaries *(cont.)*

Day at the Zoo and Night at the Community Center

Day at the Zoo (lesson on pages 180–184)

Nonstandard Measurement
Reading Level 1.9

Throughout this reader, students follow a family on a trip to the zoo and learn about ways that nonstandard measurement works in the real world. The reader details interesting facts about a variety of animals found in the zoo, including snakes, hippos, gorillas, polar bears, and giraffes. It shows students that there are many different ways to measure length and weight, and that nonstandard measurements—such as how many cubes long a snake is or how many cars equal an elephant’s weight—can be very effective in understanding the true size of something. In the end, students have to use their understanding of nonstandard measurement to determine what type of containers best match the amounts of food that different animals eat.

Night at the Community Center (lesson on pages 185–189)

Nonstandard Measurement
Reading Level 0.9

The setting of this reader is a community center on a Friday night. There are many activities going on for people of all ages. Students learn that taking nonstandard measurements is useful for some of these activities, including measuring a climbing wall, comparing the different weights of hand weights in the gym, and testing the length of a basketball court. Though a standard measurement would work in all these examples, it is more interesting and relevant to learn, for example, that a few ping pong paddles are related to the size of a larger tennis racket. This reader teaches students about what takes place at the community center as well as how nonstandard measurement works in the real world.

Reader Summaries *(cont.)*

Main Street Animal Shelter and Our Favorites

Main Street Animal Shelter (lesson on pages 204–208)

Graphs

Reading Level 1.4

This reader introduces students to different types of graphs and their practical applications. The reader shows how the information about an animal shelter can be organized into bar graphs, pictographs, and tally charts. Feeding and care schedules for different shelter animals, volunteers task charts, and donated item lists are also included as a way to display information visually. Students gain practice with reading graphs and charts to learn information and answer questions.

Our Favorites (lesson on pages 209–213)

Graphs

Reading Level 0.2

This reader shows students different ways to use graphs to show their favorites. A class is making a book of favorites to share with next year's class. Students are able to see how tally charts, bar graphs, and pictographs can show interesting data about what kids like and prefer. Graph categories described in this book include favorite lunches, books, sports, class pets, school subjects, and snacks. Students get several opportunities to read graphs to answer questions. Students also learn how to use a key to understand a graph.