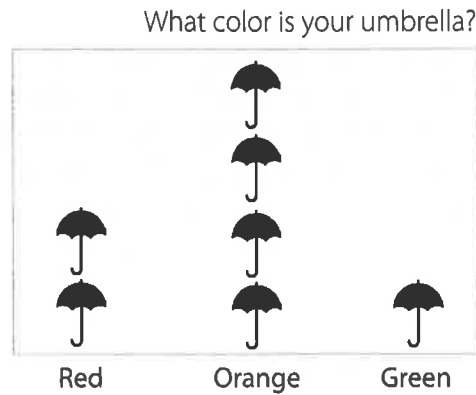


## Grade 1 Overview | Mathematics

First grade students extend their understanding of addition and subtraction by learning to use adding and subtracting to solve word problems within 20. They understand the meaning of the equal sign and are expected to count to 120. Place value knowledge is deepened and students use this knowledge to compare two-digit numbers within 100. Students practice their measurement skills with linear measurement and begin to organize data from surveys. Students also tell and write time in hours and half-hours using analog and digital clocks.

- ▮ Solve addition and subtraction word problems within 20
- ▮ Understand the relationship between addition and subtraction
- ▮ Apply the properties of operations
  - Commutative property of addition:  
If you know  $8 + 3 = 11$ , then you know  $3 + 8 = 11$ .
  - Associative property of addition:  
To add  $2 + 6 + 4$ , the second two numbers can be added to make a ten, so  $2 + 6 + 4 = 2 + 10 = 12$ .
  
- ▮ Add and subtract within 20
- ▮ Count to 120, starting at any number
- ▮ Understand the meaning of the equal sign
- ▮ Understand place value: ones, tens
- ▮ Use place value to add and subtract within 100
- ▮ Measure lengths and tell the measurement in units
- ▮ Tell and write time
- ▮ Relate time to events (before/after, shorter/longer, etc.)

- Build and talk about a graph



What is the most popular color of umbrella? What is the least popular color of umbrella?

- Build, describe, extend, and explain a simple pattern.
- Compare shapes by talking about sides, vertices, etc.
- Compare two-dimensional shapes to three-dimensional shapes

## Grade 1 Overview | English Language Arts

First grade students independently interact with literature or informational text by asking and answering questions and identifying details and main events. They can read aloud accurately and with expression. First grade students can print all letters and can write about events, topics, and opinions.

### Reading

- ▢ Ask and answer questions about details in a reading selection
- ▢ Retell stories, including details
- ▢ Explain the differences between books that tell stories and books that give information
- ▢ With prompting and support, read first grade informational texts

### Reading: Foundational Skills

- ▢ Understand the organization and basic features of print
  - Left to right
  - Top to bottom
  - Page by page
- ▢ Recognize features of a sentence
  - Capitalization
  - Ending punctuation
- ▢ Understand spoken words, syllables, and sounds
- ▢ Understand phonics and word analysis
  - Know that every syllable must have a vowel sound
- ▢ Read regularly spelled one- and two-syllable words
- ▢ Read aloud with accuracy and expression

### Writing

- ▢ Write opinion pieces that include an opinion and the reason for the opinion
- ▢ Write informative pieces that name a topic, supply facts, and provide closure
- ▢ Write narratives about two or more events in the correct order; include details

### Speaking and Listening

- ▢ Follow rules for discussions by building on what others are saying and by asking questions
- ▢ Follow simple two-step directions
- ▢ Speak in complete sentences

### Language

- ▢ Use correct grammar
- ▢ Print all uppercase and lowercase letters
- ▢ Use correct capitalization, punctuation, and spelling
- ▢ Determine meaning of unknown words by looking at parts of the word and other words in the sentence
- ▢ Sort words into categories and define words by key attributes
  - A tiger is a large cat with stripes



