

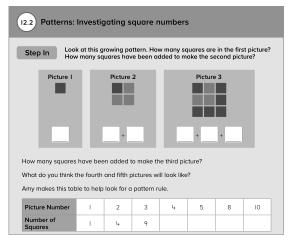
STEPPING STONES 200

Core Focus

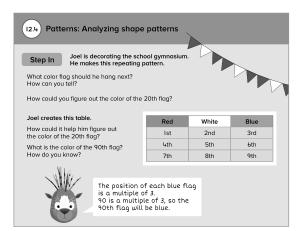
- Patterns: Exploring multiplication and addition patterns, investigating square numbers, and analyzing number and shape patterns
- · Time: Converting between units, calculating elapsed time and introducing seconds
- Money: Making transactions and calculating change

Patterns

• Exploring and describing number patterns using pictures, tables, number sentences, and word rules helps prepare for the study of algebra.



In this lesson, students write an equation to describe the relationship between the position of the number in the sequence and its value.



In this lesson, students analyze shape patterns to figure out the 20th or 90th flag color.

Ideas for Home

- Use toothpicks or pennies to create a pattern that increases from one picture to the next and ask what the next two pictures will look like. Ask your child to create a pattern for you to predict.
- Use bathroom or kitchen tiles to make patterns. Notice the numbers that grow with the pattern and predict how many tiles will make up a later step, like seven or ten.

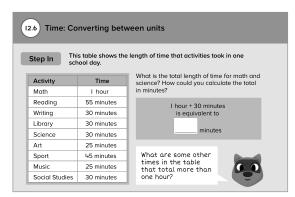


Module 12

STEPPING STONES 20

Time

In earlier grades, students began reading and writing times to the nearest
minute before and past the hour, and solving elapsed time problems on analog
and digital clocks. Now students extend those skills to converting between
minutes and hours, and between seconds and minutes.

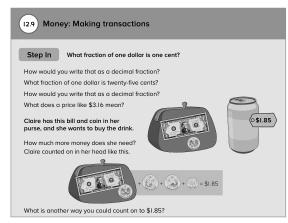


In this lesson, students practice elapsed time, and convert between minutes and hours.

• Students also calculate elapsed time in hours, minutes, and seconds.

Money

• Students *count on* from an amount represented with coins to equal a given price. This strategy helps with giving change.



In this lesson, students use the count-on strategy to calculate the amount of extra money needed.

Ideas for Home

- Talk about time as often as possible. For example, "It's 7:55. We have to leave for school at 8:30 can you figure out how many minutes until then?" or "The bus will come at 2:30. My watch says 2:24, so how many more minutes until the bus arrives?" Constant practice is important for helping your child learn to read, write, and make sense of time.
- Ask your child to show you different amounts of money using coins: "show me 35 cents." To challenge your child, ask them to show you the same amount by using different combinations of coins or by using the fewest coins possible.
- Playing store is a fun way
 to practice addition and
 subtraction with money.
 Label items in your house
 with amounts less than \$1,
 and give your child several
 coins to pay for the items.
 Help your child count out
 enough coins to pay for
 items and calculate the
 change, if needed.