

Grade 1 Mathematics Unit Preview

Quarter 3: Algebra, Patterns, and Functions

Objectives: (Your student will be able to)

- **Represent and analyze numeric patterns that skip count by 2, 5, 10, and 25 using manipulatives or a hundred chart.** For example, 42 is missing from the pattern 22, 27, 32, 37, ____, 47, 52.
- **Represent and analyze numeric patterns that skip count backwards by 10 using manipulatives or a hundred chart.** For example, 53 is missing from the pattern 92, 82, 72, 62, ____, 42, 32.

Vocabulary: (Words your student will need to understand)

• Pattern: A repeating design or recurring sequence	• Rule: Describes how a pattern changes
• Repeating Pattern: A pattern of items that repeats over and over	• Numeric Pattern: A pattern that uses numbers to repeat
• Hundred chart: A chart of numbers (0-99 or 1-100) that helps us count, find patterns, add, subtract, or work with place value.	

Activities to do with your student (in addition to homework, optional):

- At home or in the car, tell your student that you are thinking of a number and have them tell you 2, 5, or 10 more.
- Practice working with a hundred chart* at home
- Take turns with your students creating patterns that skip count by 2, 5, 10, or 25 and ask the other person to find missing numbers in the pattern
- Color patterns of 2, 5, 10, or 25 on a hundred chart*

* Hundred charts can be obtained from your student's mathematics teacher.

