

# Unit 2 - Number Patterns

Content Area: **Mathematics**  
Course(s):  
Time Period: **October**  
Length: **6-8 weeks**  
Status: **Published**

## Unit Overview

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Most of this Unit concentrates on the Number and Operations in Base Ten (NBT) domain. However, aspects of the Operations and Algebraic Thinking (OA) domain are also used in the study of number patterns. The theme of We're Going to the Desert, which centers around things found in the desert, is reflected in problem-solving and the visuals used throughout the chapter.

## Essential Questions

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“How can equal groups help me add?”

## Content

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Skip Count on a Hundred Chart

Skip Count by 2s, 5s, and 10s

Problem Solving Strategy: Find a Pattern

Repeated Addition

Repeated Addition with Arrays

Even and Odd Numbers

Sums of Equal Numbers

## Skills

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Use patterns to skip count.

Model skip counting to find the total in equal groups.

Find a pattern to solve problems.

Use repeated addition to add equal groups.

Use arrays with repeated addition.

Find even and odd numbers in number patterns.

Find sums of equal numbers.

## Assessments

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Online Readiness Quiz

Vocabulary Check

Concept Check - Check My Progress

Chapter Test

Teacher Observation

## Lessons/Learning Scenarios

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MyMath Grade 2

Chapter 2: Lessons 1-7

## Standards

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CCSS.Math.Content.2.OA.A.1	Use addition and subtraction within 100 to solve one- and two-step word problems involving situations of adding to, taking from, putting together, taking apart, and comparing, with unknowns in all positions, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.
CCSS.Math.Content.2.OA.B.2	Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
CCSS.Math.Content.2.OA.C.3	Determine whether a group of objects (up to 20) has an odd or even number of members, e.g., by pairing objects or counting them by 2s; write an equation to express an even number as a sum of two equal addends.
CCSS.Math.Content.2.NBT.A.2	Count within 1000; skip-count by 5s, 10s, and 100s.

## Resources

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MyMath Grade 2: McGraw-Hill (2012)

- counters
- connecting cubes

- crayons or markers
- base-ten blocks
- paper
- number cubes