

Unit 11 - Perimeter and Area

Content Area: **Mathematics**
Course(s):
Time Period: **March**
Length: **2-3 weeks**
Status: **Published**

Unit Overview

Unit 11 connects with the theme of Let's Cheer Our Team!, which centers around sports and games such as football, running, ping pong, and riding bikes. Students will learn the different aspects of perimeter and area, and that concrete models such as grid paper and centimeter cubes can be used to represent unit squares. When students grasp the concept of using unit squares to find the area of rectangles, they can transition more easily to using unit squares to find the volume of prisms.

Essential Questions

“Why is it important to measure perimeter and area?”

Content

Measure Perimeter

Problem Solving Investigation: Solve a Simpler Problem

Hands On: Model Area

Measure Area

Relate Area and Perimeter

Skills

Find the perimeter of a figure.

Solve a simpler problem to solve problems.

Explore the area of a figure.

Find the area of rectangles and squares.

Relate area to perimeter.

Assessments

Online Readiness Quiz

Vocabulary Check

Concept Check - Check My Progress

Chapter Test

Teacher Observation

Lessons/Learning Scenarios

MyMath Grade 4

Chapter 13: Lessons 1-5

Standards

CCSS.Math.Content.4.MD.A.3

Apply the area and perimeter formulas for rectangles in real world and mathematical problems.

Resources

MyMath Grade 4: McGraw-Hill (2012)

- chenille stems
- ruler
- self-stick notes
- connecting cubes
- construction paper
- markers