

# Zippadeedoda: How to Read a ZIP Code

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<b>Grade Level</b>	5
<b>Duration</b>	1 - 2 class periods

## National Standards

### GEOGRAPHY

#### Element 1: The World in Spatial Terms

1. How to use maps and other geographic representations, geospatial technologies, and spatial thinking to understand and communicate information
2. How to use mental maps (a person's internalized picture of a part of Earth's surface) to organize information about people places, and environments in a spatial context
3. How to analyze the spatial organization of people, places, and environments on Earth's surface

#### Element 2:

#### Places and Regions

5. People create regions to interpret Earth's complexity.

## AZ Standards

### MATHEMATICS

#### Mathematical Practice

- 5.MP.7. Look for and make use of structure.

## Arizona Social Science Standards

### GEOGRAPHY

#### The use of geographic representations and tools help individuals understand their world.

- 5.G1.1 Use and construct maps and graphs to represent changes in the United States. Key concepts include but are not limited to physical and human features of the United States, the regions of the United States and their characteristics, geographic location of major events, the growth of the United States through territorial expansion, demographic changes, and the states and their capitals

## Overview

The change in the types of mail, the increase in mail volume, the revolution in transportation, along with the rise in manpower costs; made the adoption of modern technology imperative and helped produce the ZIP (Zoning Improvement Plan) Code.

## Purpose

In this lesson students will gain a better understanding of how mathematics is used as a code to designate regions in the United States in order to deliver mail more efficiently.

## Materials

- Teacher Information on ZIP Codes
- Zoning Improvement Plan
- ZIP Codes®
- Crack the Code Practice Sheet and Answer Key

- Zippadeedoda Assessment and Answer Key

## Objectives

The student will be able to:

1. Use a map to gain information.
2. Apply mathematics to the real world.

## Procedures

*Prior to the Lesson: Have students bring in cancelled and stamped envelopes from home or save envelopes from your personal mail. Read and be familiar with the Teacher Information on ZIP Codes included in the lesson.*

1. Begin the lesson by asking students if they know what their zip code is. Project several envelopes and point out the ZIP code. If students have brought in their own envelopes, have them find the zip codes on their mail.

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2. Discuss with the students how mail is delivered in the United States. Show Zip Codes in USA (3.48 min)  
<https://www.youtube.com/watch?v=SZNZiu68mUU>
3. Have the students read ZIP Codes and Zoning Improvement Plan. Discuss what ZIP means and why and how ZIP codes are used. Show How USPS Sorts Mail (1.32 min)  
<https://www.youtube.com/watch?v=gB7QOK1bd3U>
4. Distribute copies of ZIP Codes handout and colored pencils. Project the National Areas map and have students read the paragraphs and color the 10 National Areas. Then discuss Region 8 and Arizona maps.
5. Distribute the Crack the Code Practice Sheet and have students individually or with a partner complete the worksheet.

## Assessment

### Geography and Mathematics

Have the students complete the Zippadeedoda Assessment. Mastery will be a score of 80% or higher.

### Extensions

Fun Facts about US Postal System (1.56 min) It is a little dated but deals with the huge effort put out by the USPS.

<https://www.youtube.com/watch?v=jcXVb8FZPSM>

### Sources

U.S. Postal Service:

<https://www.usps.com/nationalpremieraccounts/findzipcodes.htm>