

# Instructional Lesson Plan

Content Area(s)/Course/Grade:  
Mathematics Math 7

Unit: Analyze and Solve Percent Problems

Lesson Topic:  
Calculate percentage

Approx. Date/s:  
January

Diversity Integration Topic: Racial Diversity

NJSL Standard/s:  
7.RP.A.2c  
Represent proportional relationships by equations.

Textbook, Materials, Resources:  
Website: <https://www.census.gov/>

## Lesson Objective:

Objectives: Draw conclusions based on analysis of a primary source. • Analyze and cite recurring themes using text evidence.

- Calculate the percentage of a given data set.
- Apply mathematical processes to represent and solve problems involving proportional relationships.
- Identify the importance of the decennial census and how it benefits their community.
- Understand how the census has reflected the diversity of the United States.

## Instructional Delivery

Culturally Responsive Teaching strategy:

Making Learning contextual: Connecting to real world situations

Procedures:

Students will analyze historical data on race and ethnicity in the United States over time. Students will note trends around race and ethnicity by looking at data from 2000 and 2010, highlighting the broad diversity of people who live in the United States today. Students will learn why it is important that the U.S. Census Bureau collect this data.

**Assessment/Evaluation**

Formative/Summative:

Student turns in research

Closure:

Students will share what they learned.

**Teacher's Name submitting plan: Math Department**

**Date submitted: 12/12/22**