

# Instructional Lesson Plan

Content Area(s)/Course/Grade: Math Grade 7  
Pre-Algebra

Unit: Analyze and Use Proportional Relationships

Lesson Topic:  
Constant of Proportionality

Approx. Date/s:  
November

Diversity Integration Topic:  
Global Importance

NJSL Standard/s:  
7.RP.2.b  
Identify the constant of proportionality (unit rate) in tables, graphs, equations, diagrams, and verbal descriptions of proportional relationships.

Textbook, Materials, Resources:  
Chromebook for research

## Lesson Objective:

Students will be able to find the constant of proportionality, and equivalent ratios from a given situation

## Instructional Delivery

Culturally Responsive Teaching strategy:  
Making Learning contextual: Connecting to real world situations

Procedures:

**Teacher will introduce topic about different amounts of freshwater around the world**

**Students will research a topic of global importance to find if there is a constant of proportionality and equivalent ratios.**

**(Example: Students will research the amount of water in the world and what amount is fresh. They will then determine the relationship between the amount of water people consume in different countries and the amount of freshwater is available in the world.)**

## Assessment/Evaluation

Formative/Summative:  
Students turned in research

Closure:

Students will share with class what they learned about their country

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

**Date submitted: 10/24/22**