**Date**: April 4, 2016

**Teacher**: Nihat Celik

**Grade:** 6th grade Math - Harmony School of Innovation/ San Antonio

**Topic:** Rate and Ratio

**Timeline**: One 45-minute period

**Accommodations to meet diverse learner needs:**

* Highlight important ideas, and have the student read those first 
* Let the student use the book that was specifically assigned to them
* Allow the student to take notes, highlight, or write in the text, or provide a copy of the text so that the student can mark directly on the text
* Allow for extra time

**ESL/SPED Accommodations**

* Provided both oral, and written instructions
* Constantly checking for understanding, and allowing them to ask questions
* Remind students what has been learned in previous lessons that will be relevant to this lesson and/or have them begin to think about the words and ideas of this lesson.
* Explaining to the students how to do the assignment step-by-step
* Allowing them to decide whether they want to work by themselves, or within a group
* Giving them extra time during activities that include either reading or writing
* Allowing them to verbally share their answers to the class
* Small group testing for quizzes and tests
* Adequate time to compete for homework assignments

**GT Accommodations**

Active Exploration Activities

Higher level thinking questions

Opportunity for further enrichment through the 6 th -grade website and Accelerated Learning

**TEKS:**

**Objectives:** Students will be able to:

* compare ratio and rate
* determine the number based on the ratio
* use proportions

**Anticipatory set:** Students are given some problems having to do with ratio, and expected to solve it within a given set amount of time.  (10-15 minutes). After that, we will solve examples together having to do with both, ratios and rates. (15 minutes)

Then, of course, students will be assigned independent study. (15 minutes).

**Common errors:**

* Writing the ratio with reversed values
* Writing the ratios without the same units

During the independent study, the students are allowed to work with their peers.

**Summary:** A summary will be assigned to them as an activity. Each student will write what they have learned in this class, and what they liked best about the class. I will ask random students.

**Differentiation for ELL** : I will hand out vocabulary sheets that will have specific vocabulary words, thus enhancing students knowledge on the subject of rates and ratios. These specific words will be written on the board as well.

**Differentiation for :** Class notes will be assigned, in order to help the students.