

Subject (grade): WA 10

Lesson Title: Converting

Teacher: Nicholas Ciarciaglini (Mr. Ciarciaglini)

Timeframe:

15 mins

Desired Results:

Objectives/Outcome(s)/Indicator(s):

WA10.3 Demonstrate using concrete, and pictorial models, and symbolic representations, understanding of measurement systems including:

- The Système International (SI)
- The British Imperial system
- The US customary system.

Key Understanding ('I can' statements):

1. I can use the given conversion between measurements to convert the measurements.
2. I can log all my hours.
3. I can get a signature from the teacher.

Assessments:

In this lesson I will be assessing:

Assessment of Learning (*Formative*): I will be assessing the student's work time and effort that the student put into their project. (**See Rubric WA10**)

Assessment of Learning (*Summative*): I will be assessing the math behind (The conversion steps) the final product of their project. (**See Rubric WA10**)

Procedures:

1. They will get 15 min at the beginning of class or at the end of class.
 - a. About two to three classes (30 – 45 mins).
2. They will figure out the what their project is in the other system of measurement.
3. This project should be done at home as well.

Additional Procedures:

See lesson 5: Pay.

Materials:

The students will need:

- Worksheet 1: Perimeter, Area, Volume, & Mass.
- Worksheet 3: Timecard
- Worksheet 2: Converting Yourself (the teacher) will need:
- Laptop (if they want to do it online)
- Workbook

- Signing their timecard.

Resources:

How to go about using Microsoft Word or Google Docs to insert equations:

[Creation of a font \(https://yarnbender.ca/home/e-portfolio/edtc-educational-technology-media/edtc-400/final-curricular-project-creation-of-a-font/\)](https://yarnbender.ca/home/e-portfolio/edtc-educational-technology-media/edtc-400/final-curricular-project-creation-of-a-font/)

Adaptions/ Differentiations:

Some adaptations/differentiations for this lesson:

- Allowing students to type up their projects inside Word or Docs.
- If students need more time to finish their plan give them that extra time to work on it.
- Allow students to draw their words online.

Management Strategies:

Here are some management strategies for this lesson:

- Have a 15-minute timer to allow the students to work on their projects.
 - Tell them if they do not work on their projects they will lose marks.