Subject (grade): WA 20

Lesson Title: Creation

Teacher: Nicholas Ciarciaglini (Mr. Ciarciaglini)

Timeframe:

60 minutes to do the designing of the word (1 class).

120 minutes to each medium (2 classes)

Desired Results:

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

WA20.5 Extend and apply understanding of 3-D objects including:

- top, bottom, and side views
- exploded views
- component parts
- scale diagrams.

Key Understanding ('I can' statements):

1. I can design the word and create it into the mediums.
2. I can find the scale between the mediums I chose.

Assessments:

In this lesson I will be assessing:

Assessment of Learning (*Formative*): I will be assessing the student's work on their projects that is the appearance of their project. (**See Rubric WA20**)

Assessment of Learning (*Summative*): I will be assessing the math behind (the designing phase [graph] and scale) the final product of their project. (**See Rubric WA20**)

Procedures:
1. They will start by designing their word. (one class)
2. They will bring the materials needed to do their projects. (four classes [two classes per Medium]).
3. Find the scale between the two mediums.

Additional Procedures:

Please see lesson 3: Area and Volume.

Materials:

The students will need the following document:

| • Laptop (if needed) | • Materials that they will need to bring. | • Worksheet 1 |

Yourself (teacher) will need:

None

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/)

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.

Management Strategies:

Here are some management strategies for this lesson:

- If the students are fooling around and not Focusing on their own Project tell them:
  - They will not get any more class time to work on their projects.