

Curriculum Map – Data Tracking while Enhancing Student Engagement and Understanding

Course Objective: Use technology as a tool to create/use engaging and informative lessons to hit on specific learning standards as well as provide the learner with a data retrieving tool for long distance learning.

Unit 1: Introduction

Target Objectives:

- Choose an individual student and identify one instructional need that may be benefited by the use of technology in the classroom
- Identify instructional strategies that work best for this individual student through online provided data which measures student understanding

Activities:

- E-Lecture
- Peer/Colleague Discussion Activity
- Survey

2-3 Lessons



Unit 2: Using Khan Academy and Desmos

Target Objectives:

- Execute scaffolding and supports through the Khan Academy and Desmos mediums to enhance student understanding
- Become comfortable with the use of these mediums in the classroom
- Gauge student understanding through technology provided data
- Identify which medium works best for your classroom and enhancing student engagement

Activities:

- E-Lecture (Videos, Images)
- In-Service Practice Activity
- Reflection/Evaluation Activity

3-4 Lessons



Unit 3: Create Your Own

Target Objectives:

- Modify instruction to best suit student needs
- Develop data-driven lessons to enhance student areas of improvement

Activities:

- E-Lecture
- Create a personalized lesson within medium of choice with the use of rubrics
- Self-Reflections/Evaluations

2-3 Lessons