Lesson Plan

Grade/Class	ELEVEN	Date	2/12/2020
Topic	SCALARS AND VECTORS	Time	30MINUTES
Unit title	KINEMATICS	Designer	PAMELA SARFO

Lesson Outcomes

Essential Understandings

The students will know:

- That motion is the movement of an object

Essential Questions

- What is the difference between scalars and vectors?
- what is the difference between displacement and distance?

Curricular Outcomes

The student will be able to:

- Distinguish between what scalars and vectors are.
- Know the similarities of scalars and vectors
- Give examples
- Know what position is, displacement and distance.
- Know difference and similarities between displacement and distance.
- Know what speed and velocity

Cross-Curricular/Real World Connections

- ELA- describing motion in their own words.
- Math- calculation of displacement and distance using division
- Real world connections: speed of a car, velocity of a car, walking from 25th street to Dominos etc.

Materials (ICT considered)

Resources referenced, handouts, ICT equipment, etc.

- Forward Note taking frame handout of this lesson for students.
- Get mentimeter activity ready.
- Get PowerPoint presentation ready
- Get extra examples to work through with students.
- Extra copies

Differentiation Strategies

Consider cultural diversity, adaptations, and groupings

- I will observe to see if students are getting the concept by examining the screen.
- I will increase font size for students that struggle to see.
- Make images available for visual learners.
- Increase my voice for my auditory learners.
- Use the note-taking frame concept for students to follow along while teaching.

Assessment Evidence

Assessment **FOR** learning	Assessment **AS** learning	Assessment **OF** learning
Students will describe most of the terms in their own words in the exit slip	Students will self assess themselves. On scale of 3-1, access yourself. Where 3 - I totally understand, 2- I think I am okay, 1- I have a problem.	• Students will submit the answers to the questions in the booklet I handed them to be marked.

Learning Plan	
Activating • Describe motion in your own words using mentimeter activity • With the ideas generated, I will start my PowerPoint presentation	**Timeline** **10minutes**
Acquiring • Use the Venn diagram graphic organizer to distinguish and state similarities between displacement and distance. • Remind students to highlight some of the terms to remember. • Solve examples with students	**10minutes**
Applying • Students will assess themselves on a scale of 3-1. • Students will state their major takeaway using the chat box.	**10minutes**
Reflections about the lesson:	