

CHIANG RAI MUNICIPALITY SCHOOL 6

DAILY LESSON PLAN

SCIENCE 2

Date: 17 October 2018

Class/Period: Matthayom 1.13/ 7-8

Topic: SPEED and VELOCITY

I. Objectives

At the end of the lesson, the students should be able to:

1. define speed and velocity;
2. understand the concept of speed and velocity;
3. calculate average speed and velocity of a moving object.

II. Subject Matter

a. Topic: Motion (Speed and Velocity)

b. Concepts:

- Speed is a scalar quantity and is defined as the change of rate of distance.
- Velocity is vector quantity and is defined as the change of rate of displacement.
- The unit of both quantities is meters per second (m/s).

c. Reference: Internet and Textbook (Focus SMART)

d. Material: laptop, markers, plicker cards and worksheets.

III. Learning Tasks

a. Motivation

- The teacher will play plickers with the students.

b. Learning proper

- After the activity, the teacher will start the lesson. Using the projector, he will show two moving photos. Then, he will ask, "Given the distance and time, what quantity are we looking for?"
- He will then define speed, its unit and equation on how to calculate it followed by velocity. The teacher will discuss the difference between speed and velocity.
- After that, he will give sample problems and will let students calculate in 10 minutes.
- After that, the teacher will give the answer together with student to check if they calculated the problems correctly and will ask students participation.

- For mastery, the teacher will give test to students.

IV. Evaluation

Answering the test given will serve as their evaluation.

V. Assignment

The teacher will assign students the next topic which is Heat.

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