

Lesson Plan - Week Jan 28, 2019

DATE

1/28/2019

TOPIC

VELOCITY ART

INSTRUCTOR

MS. KRISTY

OVERVIEW/PURPOSE

EXPLORE VELOCITY WITH STRAW ART

STANDARDS ADDRESSED

VELOCITY AND ACCELERATION

Objectives: (Skills/information that will be learned)	<ul style="list-style-type: none"> ➤ Learn about velocity ➤ Understand the rate in which the speed or direction of an object increases over time ➤ Create an artwork using only straws 	<p><u>MATERIALS NEEDED:</u></p> <ul style="list-style-type: none"> ➤ Plastic pipette ➤ Straws ➤ White construction paper ➤ Tempera paint ➤ Water
Information: (Demonstration or lesson details)	Velocity is the speed of an object or substance in a particular direction (in this case, the paint). The wind acts as the force that causes a change in motion. The direction and amount of wind over time will affect velocity, thus affecting acceleration.	
Activity: (Activity/demonstration to reinforce lesson)	The instructor will engage students in a discussion about velocity and acceleration. Students will apply their knowledge to their art to observe and compare the impact of different velocities in a visual demonstration.	
Verification: (Students understand the lesson objectives)	<ol style="list-style-type: none"> 1. Why happens when you use different length of straw? 2. What happens if you use more than one straw? 3. How does the speed of wind change your artwork? 	
Summary: (Expected Observations)	In order to change velocity, the force of the wind is under control by the amount of air blown through the straw(s). A large gust of air allows the water to move at a great distance while a small gust allows the water to move at a short distance.	<p>Additional Notes:</p> <p>Acceleration is the measurement of change in velocity.</p>