

Needwood Middle School
2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Gainous/Gleaves	Date: 1/8 Day 1: Speed and Motion Notes/Intro
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.
Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration. <input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	

Needwood Middle School
2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Mickey & McElvaney	Date: 1/9 Day 2:
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.

Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration. <input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	PEKE Graphs.docx Mario Andretti: Racing Through Life Achieve

Needwood Middle School

2022-2023


Daily Agenda/Lesson Plan

Teacher(s): Mickey & McElvaney	Date: 1/10 Day 3:
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.
Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration. <input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	Speed Lab .docx

Needwood Middle School

2022-2023

Daily Agenda/Lesson Plan

Teacher(s): Mickey & McElvaney	Date: 1/13 Day 4:
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.
Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration. <input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	https://phet.colorado.edu/en/simulations/moving-man  Copy of movingman.docx

Needwood Middle School
2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Mickey & McElvaney	Date: 1/14 Day 5:
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.
Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration.

	<input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	Gizmo Distance and Time Lab and Google Doc

Needwood Middle School
2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Mickey & McElvaney	Date: 1/15 Day 6:
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.
Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration. <input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	

Needwood Middle School
Needwood Middle School

2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Mickey & McElvaney	Date: 1/16 Day 7: Test Review
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.
Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration. <input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	Gimkit Study Guide

Needwood Middle School
2022-2023
Daily Agenda/Lesson Plan

Teacher(s): Mickey & McElvaney	Date: 1/17 Day 8: Test
Standards:	S8P3a
Learning Target:	I am learning the relationship between velocity and acceleration, so that I can relate the patterns of velocity and acceleration with the shapes of slopes on a graph.
Success Criteria:	<input type="checkbox"/> Explain the difference between speed and velocity. <input type="checkbox"/> Explain acceleration as a change in velocity, and list the three ways to accelerate. <input type="checkbox"/> Associate Newton's 3 laws of motion with acceleration.

	<input type="checkbox"/> Read graphs related to speed and acceleration and correctly identify shapes of graphs with constant speed, no speed, speeding up, and slowing down.
Activity(ies)/Assignment with Text and/or Links:	Test taken in Unify