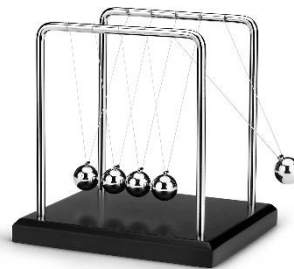




Jrac Science

Weekly Plans for

Monday, September 25, 2023 – Friday, October 13, 2023



Monday: 9/25/23 – Spirit Week = Music Monday (Wear something that represents how you connect to music)

Plan to: Review Lab then learn how to Convert between the SI and the American Standard system (Factor Labeling Method)

Target: Students will start to gain a better understanding of factor labeling and develop the skills needed to convert units

Due today: Lab “Measuring the Room.”

Assignments: Watch the assigned Videos (Check Schoology) and Attempt the Dimensional Analysis Practice Problem

Tuesday: 9/26/23 – Spirit Week = Team up Tuesday (Wear something that represents how you connect to Sports)

Plan to: Review homework and Practice “level 1” conversions: Work on wks: “Factor Labeling changes everything”

Target: Students will start to gain a better understanding of factor labeling and develop the skills needed to convert units

Due today: Attempted Dimensional Analysis Practice Conversion Problem

Assignments: Complete Wks: “Factor Labeling changes everything”

Wednesday: 9/27/23 – Spirit Week = What’s your House Wednesday (Wear something that represents how you connect to Your house)

Plan to: Review homework and more Conversion practice (level 2)

Target: Students will start to gain a better understanding of factor labeling and develop the skills needed to convert units

Due today: Wks: “Factor Labeling changes everything.”

Assignments: Complete Wks: “It’s Time to Convert”

Thursday: 9/28/23 – Spirit Week = Three of a Kind Thursday (Wear something that represents how you connect to Friends)

Plan to: Review homework and more practice measuring and converting.

Target: Students will start to gain a better understanding of factor labeling and develop the skills needed to convert units

Due today: Wks: “It’s Time to Convert.”

Assignments: Complete Wks: “Extra Practice: I don’t want to change the world. I don’t want the world to change me.”
Ozzy

Friday: 9/29/30 – QUIZ – Spirit Week = FRMS Pride (Wear FR gear for our Pep Rally)

Plan to: Take the SI measurement and Conversion Assessment Quiz, Then discuss how to measure with other SI Tools (Graduated Cylinders, Thermometers, etc.)

Target: Students will start to gain a better understanding of factor labeling and develop the skills needed to convert units

Due today: Wks: “Extra Practice: I don’t want to change the world. I don’t want the world to change me.”

Assignments: None

Monday: 10/2/23 – SCHOOL PICTURE DAY

Plan to: Review measuring with other SI Tools, then Practice with assignment

Target: Students will start to gain a better understanding of measuring Volume

Due today: Nothing

Assignments: Complete Wks: “Nothing Measures up to Pittsburgh’s First: Volume1”

Tuesday: 10/3/23

Plan to: Introduce Motion unit: Class discussion on Speed, Velocity, Acceleration, and Momentum

Target: Students will gain a better understanding of the forces of the universe by participating in a discussion while taking notes.

Due today: Wks: “Nothing Measures up to Pittsburgh’s First: Volume1”

Assignments: Watch Helpful Videos #1, #2, and #3 on the Motion Unit page of my website

Wednesday: 10/4/23

Plan to: Review Homework then Finish discussion on - Speed, Velocity, Acceleration, and Momentum

Target: Students will gain a better understanding of the forces of the universe by participating in a discussion while taking notes.

- Due today: Did you watch the videos?
- Assignments: Watch Helpful Videos #4, #5, and #6 (#7 is more advanced so it is optional) on the Motion Unit page of my website

Thursday: 10/5/23

Plan to: Review Homework then work on practice problems.

Target: Students will gain a better understanding of the forces of the universe by participating in a discussion while taking notes.

- Due today: Did you watch the videos?
- Assignments: Complete wks: "Extra Practice: Displacement, Speed, Velocity, Acceleration, & Momentum"

Friday: 10/6/23

Plan to: Review Homework then Read Chapter 2 - Motion, Velocity, Acceleration, and Momentum and (Pages 44-60) and complete the Chapter 2: Motion worksheet

Target: Students will gain a better understanding of the forces of the universe by participating in a discussion while taking notes.

- Due today: wks: "Extra Practice: Displacement, Speed, Velocity, Acceleration, & Momentum"
- Assignments: Finish wks: "Chapter 2: Motion"

Monday: 10/9/23 – Columbus Day – No School for Students (Teacher Professional Development)

Tuesday: 10/10/23 - QUIZ

Plan to: Review Homework, then take the Motion Quiz

Target: Students will start to gain a better understanding of factor labeling and develop the skills needed to convert units

- Due today: wks: "Chapter 2: Motion"
- Assignments: Watch the Pre-Lab Video that will be posted on BAND for tomorrow's lab (NEW Lab Groups)

Wednesday: 10/11/23

Plan to: Lab: "Calculating Velocity"

Target: Students will use their knowledge of the velocity to conduct an investigation.

- Due today: Nothing
- Assignments: Finish Lab sheet: "Calculating Velocity" and watch the Pre-lab video for tomorrow.

Thursday: 10/12/23

Plan to: LAB: "Calculating Acceleration" – DAY ONE (Data Collection)

Target: Students will use their knowledge of the velocity and acceleration to conduct an investigation.

- Due today: Lab sheet: "Calculating Velocity"
- Assignments: None

Friday: 10/13/23

Plan to: LAB: "Calculating Acceleration" – DAY TWO (Data Analysis & Questions)

Target: Students will use their knowledge of the velocity and acceleration to conduct an investigation.

- Due today: Nothing
- Assignments: Finish LAB: "Calculating Acceleration"

End of the 1st Nine weeks is quickly approaching
(Thursday, October 26, 2023)

