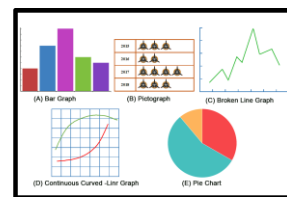


Jrac Science

Weekly Plans for

Monday, October 16, 2023 – Friday, November 3, 2023



Monday: 10/16/23

Plan to: Review Labs from last week and then discuss the conservation of momentum. Then work on Momentum Calculations
Target: Students will gain a better understanding of the forces of the universe by participating in a discussion while taking notes.

Due today: Nothing

Assignments: Finish Wks: “Momentum: Think Fast! Sometimes it’s not a BIG deal.” AND begin working on Study Guide.

Tuesday: 10/17/23

Plan to: Work with your lab group to collect data for the Lab: “Let the Good Times Roll: Let them knock you around”

Target: Students will demonstrate their knowledge of motion, velocity, acceleration and momentum on a formative assessment.

Due today: wks: “Momentum: Think Fast! Sometimes it’s not a BIG deal.”

Assignments: Continue to work on the Motion Study Guide to prepare for the upcoming test.

Wednesday: 10/18/23

Plan to: Work with your lab group to Finish the Lab: “Let the Good Times Roll: Let them knock you around”

Target: Students will demonstrate their knowledge of motion, velocity, acceleration and momentum on a formative assessment.

Due today: Lab: “Let the Good Times Roll: Let them knock you around” by the end of the period.

Assignments: Continue to work on the Motion Study Guide to prepare for the upcoming test.

Thursday: 10/19/23 – Science Olympiad Try-outs (9th Pd and After School)

Plan to: Use the class to work on and check your Study Guide for Motion (passed out to students on 10/16/23)

Target: Students will Review their knowledge of Motion as they prepare for their summative assessment.

Due today: Nothing

Assignments: Continue to prepare for Tomorrow's TEST

Friday: 10/20/23- **Motion TEST**

Plan to: Take the Chapter 2: Motion Test

Target: Students demonstration their knowledge and understanding of concept of Motion

Due today: Nothing

Assignments: None

Monday: 10/23/23

Plan to: Discuss how to read, interpret, and make scientific Graphs.

Target: Students will gain a better understanding of Scientific Graphs by participating in a classroom discussion while taking notes.

Due today: Nothing

Assignments: Watch the Three Helpful videos on my website (Graphing Unit)

Tuesday: 10/24/23

Plan to: If needed, finish our discussion on Graphs, then practice calculations needed to graph by working on assignment

Target: Students will gain a better understanding of Scientific Graphs by participating in a classroom discussion while taking notes.

Due today: Did you watch the Graphing videos?

Assignments: Finish Wks: “Ranges and Pies”

Wednesday: 10/25/23

Plan to: Work on hand drawing the Pie, Bar and Line Graph using your new knowledge of graphs

Target: Students will apply their knowledge of Scientific Graphs to create graphs from sample data.

Due Today: Nothing

Assignments: Finish the In-Class Activity Wks: “Making graphs by hand” - Due Tuesday 10/30/23 @2:58pm

Thursday: 10/26/23 – END of 1st Nine Weeks

Plan to: Discussion on the LAB area and LAB Safety

Target: Through Teacher demonstrations, the students will gain an understanding of how to properly use the Lab Burners.

Due today: Nothing

Assignments: MAKE SURE YOU HAVE **watched the assigned Video instructions of How to Light the Burner** on **BAND** and **leave a Thumbs up** AND keep working on Making your graphs.



Friday: 10/27/23– Burner Test

Plan to: You will be allowed to practice with the burner and take your **LAB BURNER TEST** ONLY if you have **WATCHED AND “LIKED”** the “How to light the Burner Video on BAND

Target: Using their new knowledge about the Lab Burners, the students will practice and then demonstrate to the teacher that he/she knows the proper steps to set-up, light, and take down the lab burners.

Due today: Wks: “Making graphs by hand” by 2:58pm

Assignments: Watch Pre-Lab Video on BAND

Monday: 10/30/23

Plan to: Lab: “McDonald’s Coffee Cup Investigation” *Collect Data Today.*

Target: Students will work together in lab groups and use their new lab burner skills to collect data and investigate a real claim from history.

Due today: Wks: “Making graphs by hand” by 2:58pm

Assignments: Review Wks: “9 Points to a Good Line Graph” - Using Google Sheets (on website) AND Watch the How to Graph with Google Sheets Video on my website

Tuesday: 10/31/23 – HAPPY HALLOWEEN!

Plan to: Use Google Sheets to make a line graph for the data from LAB: “McDonald’s Coffee Cup Investigation”

Target: Using their new knowledge of computer software, students will create a usable graph for the lab data they recently collected.

Due today: Nothing

Assignments: Finish The Graph and Lab Questions for Lab: “McDonald’s Coffee Cup Investigation” – Due by 11/3/23



Wednesday: 11/1/23– Assessment on Graphing

Plan to: Take the Graphing Quiz, then watch follow-up videos for the McDonald’s Coffee Cup Investigation lab

Target: Students will demonstrate their knowledge of the Graphing and Data Analysis on a formative assessment.

Due today: Nothing

Assignments: Continue to work on videos and The Graph and Lab Questions for Lab: “McDonald’s Coffee Cup Investigation” – Due by 11/3/23

Thursday: 11/2/23

Plan to: Begin notes on Forces (**Net Force**, Friction, Gravity)

Target: Students will gain a better understanding of Forces by participating in a classroom discussion while taking notes.

Due today: Nothing

Assignments: Read section 3-1: Forces (Pages 70-79)



Friday: 11/3/23

Plan to: Continue discussion on Forces (**Net Force**, **Friction**, Gravity)

Target: Students will gain a better understanding of Forces by participating in a classroom discussion while taking notes.

Due today: The PRINTED Graph and Lab Questions for Lab: “McDonald’s Coffee Cup Investigation”

Assignments: None