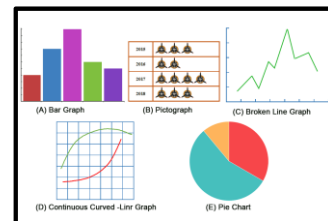




# Jrac Science

Weekly Plans for  
Monday, October 14, 2024 – Friday, November 1, 2024



## Monday: 10/14/24 – **NEW LAB GROUPS**

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. Start working on Study Guide. (Answer Key found online)

## Tuesday: 10/15/24

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

## Wednesday: 10/16/24

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”

## Thursday: 10/17/24

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: LAB: “Calculating Acceleration”

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

## Friday: 10/18/24

Plan to: Use the class to work on and check your Study Guide for Motion (passed out to students on 10/14/24)

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

Due today: Nothing

Assignments: Continue to prepare for Monday's TEST

## Monday: 10/21/24- **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

## Tuesday: 10/22/24 – Science Olympiad Try-outs (9th Pd and After School)

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)

## Wednesday: 10/23/24 – **LAST DAY of 1<sup>st</sup> Nine Weeks**

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”

## Thursday: 10/24/24

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: Continue to work on the In-Class Activity Wks: “Making graphs by hand” - Due Monday 10/28/24 @2:58pm. **AND 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: 10/25/24– 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: Nothing

Assignments: Watch Pre-Lab Video on BAND for Monday’s Lab AND Finish Wks: “Making Graphs by Hand” – Due 10/28/24 @ 2:58pm

## Monday: 10/28/24

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: 10/29/24

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 11/4/24

## Wednesday: 10/30/24– 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 11/4/24

## Thursday: 10/31/24 – Happy Halloween!!!

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..

Due today: Nothing

Assignments: None



## Friday: 11/1/24 - No School for Students / In-service Day for Teachers

