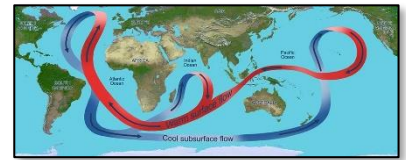




Jrac Science



Weekly Plans for Monday, March 18, 2024 – Friday, April 12, 2024

Monday: 3/18/24

Plan to: Continue Lab Project: “The Heat is On!” – Day 3 (Data Analysis and Product design)

Target: Students will gain a better understanding Energy transfer through Conduction by completing this lab

Due today: Nothing

Assignments: Finish ALL parts of DAY 3 and make sure your product “Blueprints” are finished. Bring in material for your first day of construction (tomorrow)

Tuesday: 3/19/24

Plan to: Continue Lab Project: “The Heat is On!” – Day 4 (Construction – Day 1)

Target: Students will gain a better understanding Energy transfer through Conduction by completing this lab

Due today: Nothing (did you remember your building materials)

Assignments: Continue to bring in materials and prepare for your LAST building day. Start working on your Thermal Energy Study Guide. (Test is on Monday)

Wednesday: 3/20/24

Plan to: Continue Lab Project: “The Heat is On!” – Day 5 (Construction – Day 2)

Target: Students will gain a better understanding Energy transfer through Conduction by completing this lab

Due today: Nothing

Assignments: Think about the Marketing/ Advertisement of your product. AND continue to work on Study Guide.

Thursday: 3/21/24 – **END of 3rd Nine weeks**

Plan to: Continue Lab Project: “The Heat is On!” – Day 6 (Final Construction day – Start Logo/Marketing design)

Target: Students will gain a better understanding Energy transfer through Conduction by completing this lab

Due today: Nothing

Assignments: Continue your Marketing/ Advertisement of your product. AND continue to work on Study Guide.

Friday: 3/22/24

Plan to: Final Day: Lab Project: “The Heat is On!” – Day 7 (Finish Logo/Marketing design), then Study for Energy Test.

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

Due today: Nothing

Assignments: Study and Review for the Test.

Monday: 3/25/24- **Group Picture Day**

Plan to: TE Project: “The Heat is On!” – (Product Testing) then **begin taking Notes on Density.**

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

Due today: Final Product and Final Marketing Outlet.

Assignments: Be ready for the Thermal Energy Test Tomorrow.

Tuesday: 3/26/24 - **TEST**

Plan to: Take the Thermal Energy Test

Target: Students will demonstrate their knowledge of Energy on the summative assessment.

Due today: Nothing

Assignments: None

Wednesday: 3/27/24

Plan to: Finish Note Taking, review lab and the Introduction to calculating Density then work on assignment

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

Due today: Nothing

Assignments: Finish Wks: “Calculating Density”

Thursday: 3/28/24 – Tuesday: 4/2/24 – SPRING BREAK – NO SCHOOL

Wednesday: 4/3/24

Plan to: Review Homework and then Start the Multi-day **Individual** LAB Packet: “Density of objects: Blocks, Cylinders, Liquids, & by Displacement”

Target: Students will gain a better understanding of concept of Density by completing all labs

Due today: Wks: “Calculating Density”

Assignments: Work on any Density Calculations from your samples from today’s Lab.

Thursday: 4/4/24

Plan to: Finish the Multiday **Individual** LAB Packet: “Density of objects: Blocks, Cylinders, Liquids, and Displacement”

Target: Students will gain a better understanding of concept of Density by completing all labs

Due today: Nothing

Assignments: Finish all Calculations for LAB Packet: “Density of objects: Blocks, Cylinders, Liquids, and Displacement

Friday: 4/5/24

Plan to: Work on the Internet LAB: “Sink or Float” – We will be using Gizmos

Target: Students will gain a better understanding of concept of Density and how it relates to sinking and floating

Due Today: LAB Packet: “Density of objects: Blocks, Cylinders, Liquids, and Displacement

Assignments: If you did not finish in class, then you are to **Individually** Finish Internet LAB: “Sink or Float”

Monday: 4/8/24 – TOTAL SOLAR ECLIPSE DAY

- Though Pittsburgh won't be directly in the path of totality, we will come fairly close with 97 percent coverage. Here, eclipse viewing happens between 1:59 and 4:30 p.m., with max totality reached at 3:17 pm. Sunlight will dim for a few minutes, but the sky won't go entirely dark.(100% will be in Erie, PA)

Plan to: Discuss and investigate Ocean Density Currents: Thermohaline Circulation

Target: Students will use their knowledge and lab experiences to discuss how density impacts our world

Due today: LAB sheet : “Sink or Float”

Assignments: Finish Wks: Ocean Density Current Investigation



NASA: Total Solar Eclipse Safety
Learn how to safely view the eclipse



Tuesday: 4/9/24

Plan to: Density Challenge Lab: “Hot and Cold”

Target: Students must use their knowledge of Density and work together to complete a Density Challenge

Due Today: LAB: Sheet: “Hot and Cold”

Assignments: Finish Lab Sheet: “Hot and Cold” and Start to work on Study Guide:” Density Review”

Wednesday: 4/10/24

Plan to: Density Demonstrations Day

Target: Students will gain a better understanding of concept of Density by observing Mr. Racchini’s density demonstrations

Due today: Wks: Ocean Density Current Investigation

Assignments: Begin work on your Internet Density Investigations. (The Bermuda Triangle) - (Due Wed. 4/5/23)

Thursday: 4/11/24– Density TEST

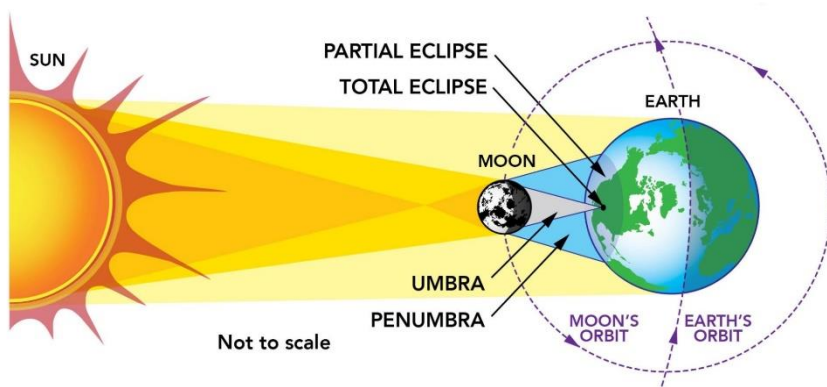
Plan to: Take Density Test

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

Due today: Density Investigations. (Bermuda Triangle)

Assignments: Complete Wks: “Naming the Elements” – PART 1 (These are the 40 elements you are required to know.)

TOTAL SOLAR ECLIPSE



Friday: 4/12/24

Plan to: Take notes on the Element Symbol Groups

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

Due today: Wks: “Naming the Elements” – PART 1

Assignments: Complete Wks: “Naming the Elements” - PART 2