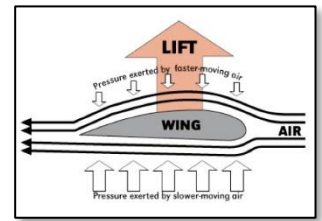


Jrac Science

Weekly Plans for

Tuesday, January 30, 2024 – Friday, February 23, 2024



Tuesday: 1/30/24

Plan to: Science News Break (SNB): **Read about current science in the SCIENCE WORLD magazine (January)**

Target: Students will explore some current science that is happening by reading articles and answering questions from a science news website.

- Due today: Lab: “Sweet Treats are made of these! Who am I to disagree?”
- Assignments: Finish SNB reflection paper. (Due by the end of the school day on Monday 2/5/24)

Wednesday: 1/31/24– Third Ski & Board Club trip to 7 Springs

Plan to: HS Scheduling Talk & Begin discussion on Properties of Fluids by discussing Bernoulli’s Principle notes

Target: Students will gain a better understanding of the principles of fluids.

- Due Today: Nothing
- Assignments: None

Thursday: 2/1/24

Plan to: Continue discussing Bernoulli’s, Venturi’s and Archimedes’

Target: Students will gain a better understanding of the principles of fluids.

- Due today: Nothing
- Assignments: Watch the Other resource video about “The real story of Archimedes”

Friday: 2/2/24

Plan to: Future Ready lesson with Mrs. Huffman

Target: Students will discussion Career opportunities and how to be future ready.

- Due Today: Did you watch the Archimedes video?
- Assignments: Make sure Science World Reflection paper is completed by end of the day on Monday

Monday: 2/5/24

Plan to: Continue / Finish our notes on the Principles of Fluids (Archimedes & Pascals)

Target: Students will learn the process on how to use one formula in several different ways.

- Due Today: SNB reflection paper.
- Assignments: Complete wks: “14 2/3: Uses of Fluids & Behavior of Gases”

Tuesday: 2/6/24

Plan to: Review Pascal’s Problems and how to rearrange an equation to isolate a variable, then work on assignment.

Target: Students will gain a better understanding of the principles of fluids.

- Due today: wks: “14 2/3: Uses of Fluids & Behavior of Gases”
- Assignments: Wks “Pascal’s Practice”

Wednesday: 2/7/24

Plan to: Continue discussion on Properties & Characteristics of Fluids by Watching the Science of Disney Imagineering: Fluids

Target: Students will gain a better understanding of the principles of fluids.

- Due Today: Wks “Pascal’s Practice”
- Assignments: Complete worksheet: “Fluids by Disney”

Thursday: 2/8/24

Plan to: Begin discussion on Properties & Characteristics of Gases: Boyle’s Law and Charles’ Law notes w/ demos. (P-T-V board)

Target: Students will gain a better understanding of the gas laws.

- Due Today: worksheet: “Fluids by Disney”
- Assignments: Complete Wks “I want my PTV Problems” and BEGIN WORKING ON STUDY GUIDES.

Friday: 2/9/24

Plan to: Take notes on Air Pressure, Vapor Pressure and Boiling

Target: Students will gain a better understanding of the gas laws.

- Due Today: Wks “I want my PTV Problems”
- Assignments: Complete Wks: “Boiling at Different Altitudes”

Monday: 2/12/24

Plan to: Expand your knowledge about one of the locations we discussed yesterday: Death Valley National Park

Target: Students will gain knowledge of one of our country’s most amazing National Parks

- Due today: Wks: “Boiling at Different Altitudes”
- Assignments: Watch the video (on Jrac’s Website and Schoology) and complete Wks: Death Valley (Due: Wednesday 2/14/24)

Tuesday: 2/13/24

Plan to: Lab: "How Strong is Air Pressure?"

Target: Students will apply their knowledge and understanding of the gas laws

Due today: Nothing

Assignments: Complete Lab Sheet: "How Strong is Air Pressure?" & Continue working on Study Guides.



Wednesday: 2/14/24

Plan to: Discuss and then work on determining altitude from the temperature of boiling liquids

Target: Students will apply their knowledge and understanding of the gas laws

Due today: Lab Sheet: "How Strong is Air Pressure?" AND Wks: Death Valley

Assignments: Wks: "Boiling at Different Altitudes 2/3"

Thursday: 2/15/24

Plan to: Review Day: Review yesterday's worksheet, then ASK QUESTIONS, and Continue to work on and check Study guides, and prepare for the test.

Target: Students demonstrate their knowledge and understanding of the five states of matter

Due Today: Wks: "Boiling at Different Altitudes 2/3"

Assignments: Continue Studying for Test

Friday: 2/16/24

Plan to: Discuss Air Pressure with Demonstrations. (Vacuum Pump)

Target: Students will apply their knowledge and understanding of the five states of matter to explain several demonstrations.

Due today: Nothing

Assignments: Continue working on Study guide and studying for the test.

Monday: 2/19/24 – No School – President's Day – Teacher In-service Day

Tuesday: 2/20/24- TEST: State of Matter – Get to class ON TIME

Plan to: Take PART ONE of the BIG States of Matter Test – (Zip Grade Questions [50pts])

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

Due today: Nothing

Assignments: Continue to Study and prepare for Part 2 and 3 tomorrow.

Wednesday: 2/21/24 TEST: State of Matter – Get to class ON TIME

Plan to: Take PART TWO & THREE of the BIG States of Matter Test – (Completion and Calculation Questions [30pts])

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

Due today: Nothing

Assignments: None

Thursday: 2/22/24

Plan to: Science News Break (SNB): Read about current science in the SCIENCE WORLD magazine (February)

Target: Students will explore some current science that is happening by reading articles and answering questions from a science news website.

Due today: Lab: "Sweet Treats are made of these! Who am I to disagree?"

Assignments: Finish SNB reflection paper. (Due by the end of the school day on Monday 2/26/24)

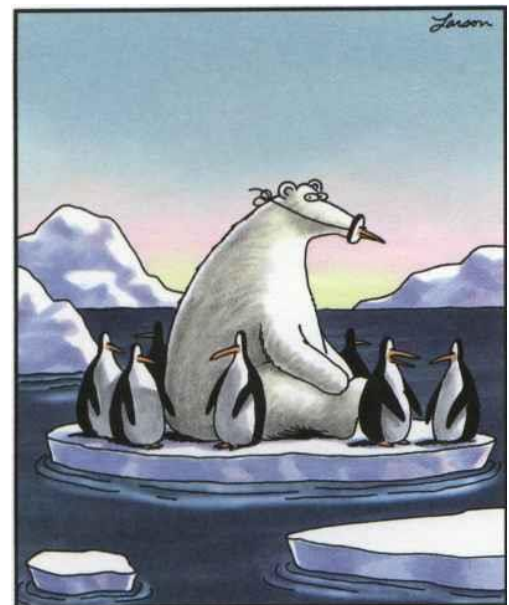
Friday: 2/23/24

Plan to: Start Notes on ENERGY UNIT: Thermal Energy, Temperature and Heat (And Temperature Scale History)

Target: Students will start to gain a better understanding of energy

Due today: Nothing

Assignments: None.



"And now Edgar's gone. ...
Something's going on around here."