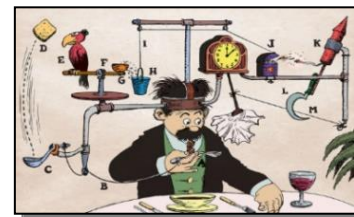


# Jrac Science

Weekly Plans for  
Monday, May 6, 2024 – Friday, May 31, 2024



## Monday: 5/6/24 – PA In-SCHOOL ALL DAY rehearsal (No PA kids in class)

Plan to: LAB – “Is that gas natural?”

Target: Students will observe and then balance a chemical reaction.

Due Today: wks: “More Balancing Equations”

Assignments: Finish Lab sheet – “Is that gas natural?”

## Tuesday: 5/7/24

Plan to: LAB – “Go ahead, Snake my Day”

Target: Using their lab skills, students will observe differences between Physical and Chemical changes.

Due Today: Lab sheet – “Is that gas natural?”

Assignments: Finish Lab sheet – “Go Ahead, Snake My Day.”

## Wednesday: 5/8/24 – PA In School Performances (NO PA kids in class)

Plan to: LAB – “Journey to Separate Ways”

Target: Students will gain a better understanding of the how to separate a mixture, Chromatography, and how to measure the Rate of Flow.

Due today: Lab sheet – “Go Ahead, Snake My Day.”

Assignments: Finish Lab sheet – “Journey to Separate Ways”

## Thursday: 5/9/24

Plan to: Review Day review wks, labs, study guide, and prepare for tomorrow’s test.

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

Due today: Lab sheet – “Journey to Separate Ways”

Assignments: Continue to study for the upcoming test

## Friday: 5/10/24 – TEST: Classification of Matter

Plan to: Take test on the classification of matter. After the test, pick up a Simple Machine Note taking guide and begin the Self-Guided Simple Machines Unit

Target: Students demonstration their knowledge and understanding of the classification of matter

Due today: Nothing

Assignments: **LOOK AHEAD!** Next week is the start of Keystone testing. The daily Schedule for Monday and Tuesday was just announced and there will be no academic class time (pd 1-5) on these two days. Because of this you will be asked to once again SELF-GUIDE yourself through the notes of our FINAL topic on Simple Machines. You will be asked to watch **one** video lesson on my website, and all helpful videos listed on the Simple Machine page of my website. **YOU MUST BE DONE WITH THESE SELF-GUIDED NOTES and the OTHER HELPFUL VIDEOS and the Wks: “These Calculations are so Simple” by the start of class on WEDNESDAY 5/15/24.**

## Monday: 5/13/24 – KEYSTONE EXAM Day 1 & Tuesday: 5/14/24 – KEYSTONE EXAM Day 2

Plan to: NO CLASS TIME

Due today: Nothing

Assignments: Watch and take notes for the video Notes: Work and Simple Machines and complete Wks: “These Calculations are so Simple” (DUE Wednesday – 5/15/24)

## Wednesday: 5/15/24

Plan to: Review Wks: “These Calculations are so SIMPLE!” – Explain Rube Goldberg, and if time allows, start Group Lab: Simple Stations”

Target: Students will apply their new knowledge of forces, work, and simple machines

Due today: Wks: “These Calculations are so SIMPLE!”

Assignments: None.

## Thursday: 5/16/24

Plan to: Complete Group Lab: “Simple Stations” – Day 2

Target: Students will apply their new knowledge of forces, work, and simple machines

Due today: Nothing

Assignments: Gather materials for your Rube Goldberg.

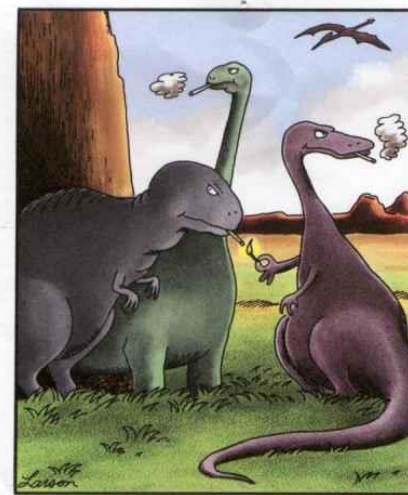
## Friday: 5/17/24

Plan to: Complete Group Lab: “Simple Stations” – Day 3 and discuss Rube Goldberg Project.

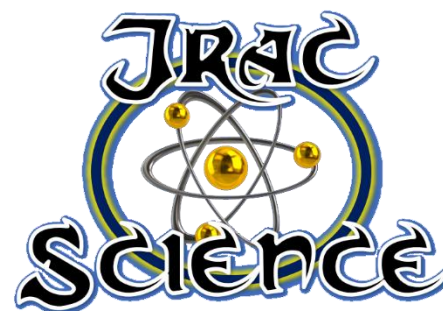
Target: Students will apply their new knowledge of forces, work, and simple machines

Due today: Nothing

Assignments: Finish Lab: “Simple Stations” and Gather materials for your Rube Goldberg.



The real reason dinosaurs became extinct



## Monday: 5/20/24 – 8<sup>th</sup> grade Rube Goldberg - Day 1

### Plan to: Rube Goldberg work day #1

**Target:** Students will use their understanding of the forces and simple machines while collaborating with others to design and build a Rube Goldberg device.

**Due Today:** Doc. #1a: “Plans and Blue prints”, & Doc. #1b: “Reflections – DAY 1” – **Due @ End of Day**

**Assignments:** Finish day one docs and think about how to improve or modify your device.

## Tuesday: 5/21/24 – 8<sup>th</sup> grade Rube Goldberg - Day 2

### Plan to: Rube Goldberg work day #2

**Target:** Students will use their understanding of the forces and simple machines while collaborating with others to design and build a Rube Goldberg device.

**Due Today:** Doc. #2a: “Changes and Modifications”, and Doc. #2b: “Reflections – DAY 2” – **Due @ End of Day**

**Assignments:** Finish day one docs and think about how to improve or modify your device.

## Wednesday: 5/22/24 – (Music Dept. trip to Cedar Point)

### Plan to: 8<sup>th</sup> Grade activity

**Target:** none

**Due today:** Nothing

**Assignments:** None

## Thursday: 5/23/24 – 8<sup>th</sup> grade Rube Goldberg - Day 3 – **Joseph C. Leftwich Scholarship**

**Applications are Due Today (\$500)**



### Plan to: Rube Goldberg work day #3

**Target:** Students will use their understanding of the forces and simple machines while collaborating with others to design and build a Rube Goldberg device.

**Due Today:** Doc. #3: “Reflections – DAY 3” – **Due @ End of Day**

**Assignments:** Finish day one docs and think about how to improve or modify your device.

## Friday: 5/24/24 – 8<sup>th</sup> grade Rube Goldberg – Day 4

### Plan to: Final Rube Goldberg Day and Presentation and Celebration

**Target:** Students will use their understanding of the forces and simple machines while collaborating with others to design and build a Rube Goldberg device.

**Due Today:** Final Rube Goldberg device. Doc. #4a: “IMA Calculations”, #4b: “Reflections – DAY 4” – **Due @ End of Day**

**Assignments:** Prepare for the Kennywood on Friday (Watch the BAND Video sometime over the weekend)

## Monday: 5/27/24 – Memorial Day – No School

## Tuesday: 5/28/24 – 8<sup>th</sup> Grade Kennywood Field Trip

**Plan to:** Have fun! Complete the Kennywood Bonus Point Worksheet for some last minute bonus points.

**Target:** Students will first demonstrate their knowledge of the many topics covered in science this year, including Force, Motion, Simple machines, gas laws, energy, atomic structure, thermal expansion, freezing point depression, Newton’s Law and more.

**Due Today:** Kennywood Bonus worksheet.

**Assignments:** Who’s going to win this year’s Stuffed Animal for the classroom???



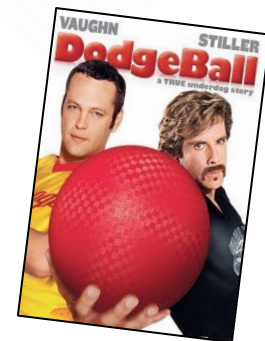
## Wednesday: 5/29/24 – 8<sup>th</sup> Grade Charity Dodgeball Tournament

**Plan to:** Dodgeball Tournament

**Target:** Students will work on their citizenship by raising money for a charity and hosting a dodgeball tournament

**Due today:** Kennywood Bonus worksheet must be submitted by 11:59pm

**Assignments:** None



## Thursday: 5/30/24 – Step Up Day – Go checkout the High School

**Plan to:** Short morning classes (19min), then walk to the High School for 9<sup>th</sup> grade Transition Day

**Target:** Wrap up the Year. And sign your class’s Kennywood stuff animal for the classroom

**Due today:** Nothing

**Assignments:** Make sure you have SIGNED this year’s Stuffed Animal!!!

## Friday: 5/31/24 – LAST DAY OF SCHOOL!!!! (1/2 Day)

**Plan to:** Yearbook distribution / Yearbook Signing / Awards Ceremony

**Assignments:** Enjoy your summer break!!!

**HAVE A GREAT  
SUMMER VACATION**  
-and GOOD LUCK AT THE  
HIGH SCHOOL next year.

