



# Jrac Science

## Weekly Plans for

Monday, March 31, 2025 – Saturday, April 26, 2025

### Monday: 3/31/25

Plan to: Begin IN CLASS Online **Individual** Lab: “Electromagnetic Spectrum Investigation” – **PART 1 (Wave Basics)**

- Target: Students will gain a better understanding of Waves, Wave Energy and the EMS by completing this lab
- Due today: Lab Packet and Marketing poster/video, etc for Lab: Heat is on (Last Grade of 3<sup>rd</sup> nine weeks)
- Assignments: None

### Tuesday: 4/1/25

Plan to: Continue IN CLASS Online **Individual** Lab: “Electromagnetic Spectrum Investigation” – **PART 1 (Wave Basics)**

- Target: Students will gain a better understanding of Waves, Wave Energy and the EMS by completing this lab
- Due today: Nothing
- Assignments: None

### Wednesday: 4/2/25

Plan to: Finish – **PART 1 (Wave Basics)** and **begin work on PART 2 (EMS)** for the Lab: “EMS Investigation”

- Target: Students will gain a better understanding of Waves, Wave Energy and the EMS by completing this lab
- Due today: Nothing
- Assignments: None

### Thursday: 4/3/25

Plan to: Continue to work on IN CLASS online Lab: “Electromagnetic Spectrum Investigation” – **Part 2 (EMS)**

- Target: Students will gain a better understanding of Waves, Wave Energy and the EMS by completing this lab
- Due today: Nothing
- Assignments: None

### Friday: 4/4/25

Plan to: REVIEW Your work on the online Lab: “Electromagnetic Spectrum Investigation” – **Part 2 (EMS)**

- Target: Students will gain a better understanding of Waves, Wave Energy and the EMS by completing this lab
- Due today: Nothing
- Assignments: Finish online Lab: “Electromagnetic Spectrum Investigation” and **PREPARE for the Waves Test**

### Monday: 4/7/25 - TEST

Plan to: Take the Waves Test

- Target: Students will demonstrate their knowledge of Energy on the summative assessment.
- Due today: Lab: “Electromagnetic Spectrum Investigation”
- Assignments: Complete Wks: “Naming the Elements” – PART 1 (These are the 40 elements you are required to know.)

### Tuesday: 4/8/25

Plan to: **Self-Guided Note Taking Day** Take notes on the *Element Symbol Groups*

- Target: Students will gain a better understanding of atoms by participating in a classroom discussion while taking notes.
- Due today: Wks: “Naming the Elements” – PART 1
- Assignments: Complete Wks: “Naming the Elements” - **PART 2**

### Wednesday: 4/9/25

Plan to: **Self-Guided Note Taking Day** watch and Take notes and discuss the *Structure of an Atom*.

- Target: Students will gain a better understanding of atoms by participating in a classroom discussion while taking notes.
- Due today: Wks: *Naming the Elements- Part 2*
- Assignments: Complete wks: “16-1: Structure of an Atom with Element Crossword”

### Thursday: 4/10/25- TEST

Plan to: Take **Element Symbol TEST (30 minutes MAX)**. All tests will be collected at the end of that time) **then learn how to Review for the Science PSSA**

- Target: Students will first demonstrate their knowledge of the elements then gain a better understanding of isotopes through discussion while taking notes.
- Due today: Wks: “16-1: Structure of an Atom with Element Crossword”
- Assignments: Start reviewing for the Science PSSA Exam using Jrac’s Website



Remember: 4<sup>th</sup> nine weeks begins the **NO LATE WORK POLICY!**

## Friday: 4/11/25

**Plan to:** **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes: Atoms, Ions, & Isotopes**

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

**Due today:** Nothing

**Assignments:** Finish Wks: “Professor Dave’s and Jrac’s Checks for Understanding”

## Monday: 4/14/25 – FR Activity Day

**Plan to:** **Check Point QUIZ** and then **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes: The Periodic Table – PARTS 1**

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

**Due today:** Wks: “Professor Dave’s and Jrac’s Checks for Understanding”

**Assignments:** Finish Part 1 of Video Notes and complete Wks: “Calculating what’s in an Atom”

## Tuesday: 4/15/25

**Plan to:** **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes: The Periodic Table – PARTS 2**

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

**Due today:** Wks: “Calculating what’s in an Atom”

**Assignments:** Finish both parts of the Video Notes (Periodic Table)

## Wednesday: 4/16/25

**Plan to:** **Check Point QUIZ** and then **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes: Bohr & Orbital Diagrams**

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

**Due today:** Nothing

**Assignments:** Finish watching Video notes and other suggested videos.

**LOOK AHEAD!** Next week is the start of PSSA Testing. It will continue the following week. There will be 3 days of ELA, 2 days of Math, and 2 days of Science. The daily Schedule for those days has the morning for testing followed by shorten class periods 1-9. Please be aware that sometimes in previous years the testing has run longer than expected and as a result the Office has adjusted the schedule by eliminating a class period (Example: Day 1 ELA we might not have 1<sup>st</sup> period). Because of this and the fact that we have more topics to cover before the end of the year, you will be asked to stay on pace with these weekly plans. So even if your class period is eliminated, **YOU ARE STILL RESPONSIBLE TO COMPLETE THE WORK FOR THAT DAY.** You can use your 9<sup>th</sup> period or finish it for homework.

**Thursday: 4/17/25 – No School for Students – Teacher Inservice**

**Friday: 4/18/25 – Tuesday: 4/22/25 – No School – SPRING BREAK**

## Wednesday: 4/23/25 – ELA PSSA Day 1

**Plan to:** Review Bohr & Orbital Diagrams and then work on assignment

**Target:** Students will gain a better understanding of atoms by participating in a classroom review and diagram practice

**Due today:** Nothing

**Assignments:** Finish Wks: “Atomic Diagrams: Orbital and Bohr” AND Begin Study Guide

## Thursday: 4/24/25 – ELA PSSA Day 2

**Plan to:** Begin watching NOVA video: “Hunting the Elements”

**Target:** Through a NOVA video, students will gain a better understanding of the periodic table and the atomic structure.

**Due today:** Finish Wks: “Atomic Diagrams: Orbital and Bohr”

**Assignments:** Finish watching the NOVA Video (Found on my website) and finish worksheet “Hunting the Elements”

## Friday: 4/25/25 – ELA PSSA Day 3

**Plan to:** Continue watching NOVA video: “Hunting the Elements”

**Target:** Through a NOVA video, students will gain a better understanding of the periodic table and the atomic structure.

**Due today:** Nothing

**Assignments:** Finish watching the NOVA Video (Found on my website) and finish worksheet “Hunting the Elements”



**Saturday: 4/26/25 – Science Olympiad PA State Tournament  
@ Penn State Altoona**