

Periodic Table of the Elements

Fort Pitt House

Physical Science – Mr. Racchini

Weekly Plans for

Monday, April 26, 2021 – Friday, May 14, 2021



Monday: 4/26/21 – Following PSSA Building Schedule

Plan to: Final day to practice Balancing Chemical Equations

Target: Students will understand the process and then correctly balance chemical change reaction equations.

☐ Due today: Lab Sheets: “Is that gas natural?” and “Go ahead, Snake my day!”

☐ Assignments: Complete Worksheet: “Balancing Chemical Equations”

Tuesday: 4/27/21 – Following PSSA Building Schedule

Plan to: DAY ONE - Discuss and take notes on Acids, Bases, Salts and the pH Scale

Target: Students will learn the difference between Acids and Bases and how to measure them with the pH scale.

☐ Due today: Worksheet: “Balancing Chemical Equations”

☐ Assignments: Watch the Physical Science PSSA Review PowerPoint on my Website

Wednesday: 4/28/21 – Following PSSA Building Schedule

Plan to: DAY TWO - Discuss and take notes on Acids, Bases, Salts and the pH Scale

Target: Students will learn the difference between Acids and Bases and how to measure them with the pH scale.

☐ Due today: Nothing

☐ Assignments: Watch the Earth Science PSSA Review PowerPoint on my Website

Thursday: 4/29/21 – PSSA MATH Day One

Plan to: DAY THREE - Discuss and take notes on Acids, Bases, Salts and the pH Scale / or Litmus paper demo

Target: Students will learn the difference between Acids and Bases and how to measure them with the pH scale.

☐ Due today: Nothing

☐ Assignments: Watch the Life Science PSSA Review PowerPoint on my Website

Friday: 4/30/21 – PSSA MATH Day Two

Plan to: Intro to the PTE, Self-Guided Note Taking Day: log onto Mr. Racchini’s website, watch and take notes for the video for Notes 8a: Element Symbol Groups, and work begin work on “Naming the Elements”

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

☐ Due today: Nothing

☐ Assignments: Complete Wks: “Naming the Elements” **and** Start to study these 40 most commonly used Elements.

Monday: 5/3/21 – Following PSSA Building Schedule

Plan to: Self-Guided Note Taking Day: log onto Mr. Racchini’s website and watch and take notes for the video for Notes 8b: 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”

☐ Assignments: None

Tuesday: 5/4/21 – Following PSSA Building Schedule

Plan to: Work individually on the Wks: “Element Crossword” – without a Periodic Table first Then use any additional time to study and prepare for tomorrow’s Element Test.

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

☐ Due today: Nothing

☐ Assignments: Finish Wks: “Element Crossword” and Study your 40 Elements.

Wednesday: 5/5/21 – Element Symbol Test

Plan to: Take Element Symbol TEST (30 minutes MAX. All tests will be collected at the end of that time) then 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: “Element Crossword”

☐ Assignments: None

Thursday: 5/6/21 – PSSA SCIENCE Day One

Plan to: **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes 8c: 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: None

Friday: 5/7/21 – PSSA SCIENCE Day Two

Plan to: Review yesterday's lesson and then work on worksheet.

Target: Students will first demonstrate their knowledge of the elements then gain a better understanding of isotopes through discussion while taking notes.

☐ Due today: Nothing

☐ Assignments: Finish Wks: "Calculating what's in an Atom"

Monday: 5/10/21 – Following PSSA Building Schedule

Plan to: **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes 8d: The Periodic Table – PART 1**

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

☐ Due today: Nothing

☐ Assignments: None

Tuesday: 5/11/21 – Following PSSA Building Schedule

Plan to: **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes 8d: The Periodic Table – PART 2**

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

☐ Due today: Nothing

☐ Assignments: None

Wednesday: 5/12/21 – Performing Arts In-School Rehearsal

Plan to: T.O.T.B. Bonus: Classic Mines [+15] – Due at the end of class

Target: Students will take a break from atomic structure to work on their problem solving / Critical Thinking skills

☐ Due today: Nothing

☐ Assignments: None

Thursday: 5/13/21

Plan to: **Self-Guided Note Taking Day:** watch and take notes for the **video for Notes 8e: 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: None

Friday: 5/14/21

Plan to: Review Electron Configurations and diagrams (Bohr & Orbital), then Work on assignment

Target: Students will gain a better understanding of how the model of an atom has evolved and then attempt to draw their own Bohr and Orbital diagrams.

☐ Due today: Nothing

☐ Assignments: Finish Wks: "Atomic Diagrams: Orbital and Bohr"

