

Name: _____

Date: _____

Physical/Earth Science

Per: _____

PowerPoint Periodic Table Assignment

Assignment Overview

Working in cooperative teams, you and your teammates will create PowerPoint slides of elements from the periodic table. You will research the assigned elements and include specific information for each. Each team member will be assigned a specific job. Your team is only as strong as its weakest link. It is the team's responsibility to make sure each team member is pulling his or her weight. Every team member will be required to evaluate each member of their team as part of this assignment.

PowerPoint Requirements

The Periodic Table of Elements PowerPoint Presentation will be given to each team. The slide for the element "Hydrogen" has been completed for you. This slide is to serve as a guide for the rest of the slides your team will create. This slide has all the required information you must include for the rest of your team's elements.

Slide Requirements

- Element Name
- Large Button (Box) with corresponding colors to the main Periodic Table Slide including Atomic #, Element Symbol, Element Name, and Atomic Mass
- Atomic #, Element Symbol, Element Name, and Atomic Mass must be identified on each slide.
- Element Information: Atomic #, Atomic Mass, Year of Discovery, Atomic Radius, Melting Point, Boiling Point, Density, Specific Heat, Ionization Potential, and Electron Affinity
- 3 Sources
- Hyperlink Large Button back to main Periodic Table Slide
- Create Hyperlinks for each button on the main Periodic Table Slide for your team's elements. The hyperlink should take you to the element's slide

Grading

The grade you receive on this project will be the equivalent to a test. Your final grade will be an average of your team's grade and your individual grade. The individual grade will be based on work completed in class and team member evaluations.

Grading Rubric

Slide Components	Slide Information	Points
1	Element Name, 3 Sources, Hyperlink Large Button back to main Periodic Table Slide, Create Hyperlinks for each button on the main Periodic Table Slide for your team's elements. The hyperlink should take you to the element's slide	1
2	Large Button (Box) with corresponding colors to the main Periodic Table Slide including Atomic #, Element Symbol, Element Name, and Atomic Mass	2
3	Atomic #, Element Symbol, Element Name, and Atomic Mass must be identified on each slide.	1
4	Element Information: Atomic #, Atomic Mass, Year of Discovery, Atomic Radius, Melting Point, Boiling Point, Density, Specific Heat, Ionization Potential, and Electron Affinity	1
Slide Total		5
Total	20 Slides	100

Team Positions

Researcher - researches the Internet to find information on the elements.

PowerPoint Creator - obtains information from researchers and creates PowerPoint slides for each element.

Production Manager - In charge of all team activities. Responsible for coordinating team tasks and making sure each team member is fulfilling their responsibilities.

Graphic Designer - Responsible for producing color prints of each PowerPoint Slide.

Team Name: _____

Team Members