

Element Wanted Poster Instructions

You will be creating a Wanted Poster for an element. The element has escaped and needs to be recaptured. Some of the elements are quite dangerous, some are less dangerous. You will be taking on the role of the element police writing a wanted poster.

RAFT:

Role – The Element Police Force who want to recapture “convicted” elements.

Audience – Pine Middle School

Format –Wanted Poster

Topic – The characteristics of the elements of the periodic table

Products:

- Data Collection Sheet, filled out and turned in with poster
- Element Wanted Poster

Each Wanted Poster Should Contain:

Name of the Suspect – Name of Element

Nickname of the Suspect – Chemical Symbol

Birthdate – Date of Discovery

Discoverer – Who discovered the element?

Place of Birth – Country of Discovery

Height/Weight – Atomic Number/Atomic Mass

Gender – State of Matter at Room Temperature

Physical Characteristics – Color, melting point, boiling point and other physical characteristics

Picture – Bohr Diagram (must be hand drawn) and actual picture of element (printed picture OK)

What it is wanted for - Write a **5 sentence paragraph** describing what its crimes are (what it is wanted for). In essence describe the element’s **physical and chemical properties**, describe **3 uses of the element**, and explain **why and/or when it is dangerous**. If it is a harmless element, explain why. **Be creative!!**

- The poster should be on an 8.5 x11 sheet of paper (standard copy paper).
- Be creative and colorful!
- You should have at least 3 references.
- Be sure to site all sources used for pictures and information.



Element Wanted Poster: Data Collection Sheet

Name of the Suspect – Name of Element _____

Nickname of the Suspect – Chemical Symbol _____

Birthdate – Date of Discovery _____

Discoverer – Who discovered the element _____

Place of Birth – Country of Discovery _____

Height/Weight – Atomic #/Atomic Mass _____

Gender – State of Matter at Room Temperature _____

Physical Characteristics –

- Color _____
- melting point _____
- boiling point _____
- 2 other characteristics _____

Picture – Bohr Diagram (drawn by hand) and actual picture of element (printed picture is OK).

Information needed for Bohr Diagram:

- # of Protons = _____
- # of Neutrons = _____
- # of Electrons = _____

What it is wanted for - Write a **5 sentence paragraph** describing what its crimes are (what it is wanted for). In essence describe the element's **physical and chemical properties**, describe **3 uses of the element**, and explain **why and/or when it is dangerous**. If it is a **harmless element**, explain why. Other fun facts. **Be creative!!**

Physical and Chemical Properties: _____

3 Uses of the element: _____

Dangerous? Why or Why Not?: _____

Other fun facts about your element: _____

References: (minimum of 3, include source of element picture) Google.com is not a reference!!!! = 0 points

1. _____

2. _____

3. _____

Name: _____ Period: _____ DUE DATE: _____

Wanted Poster Rubric



Data Collection Sheet – 10 pts.

Completed and turned in on Time (10 pts.) _____

Element Wanted Poster

PHYSICAL DESCRIPTION (14 total pts.) _____

Name of the Suspect (2 pts.)

Nickname of the Suspect (2 pts.)

Birthdate (2 pts.)

Discoverer (2 pts.)

Place of Birth (2 pts.)

Height/Weight (2 pts.)

Gender (2 pts.)

PHYSICAL CHARACTERISTICS (8 total pts.) _____

Color (2 pts.)

Melting point (2 pts.)

Boiling Point (2 pts.)

2 Additional Characteristics (2 pts.)

PICTURES (6 total pts.) _____

Bohr Model (**drawn by hand**) (3 pts.)

Printed picture of actual element (3 pts.)

WHAT ELEMENT IS WANTED FOR (18 total pts.) _____

5 sentence paragraph (5 pts.)

Physical and chemical properties (3 pts.)

Described 3 uses (6 pts.)

Dangerous or not, and why (2 pts.)

Other Fun Facts (2 pts.)

PRESENTATION (14 total pts.) _____

Spelling (2 pts.)

On 8.5" x 11" sheet of paper (2 pts.)

Creativity (2 pts.)

Neatness (2 pts.)

3 References (6 pts.)

Total Points Earned: _____/70