



Adopt an Element

Adopt an element project
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Purpose

To research one element on the periodic table and create a neat, colorful, and creative 8.5 x 11 poster on colored paper that highlights the following information:

- Symbol (lettering must be 11 cm high, minimum must be placed in the left hand corner)
- Name of element (lettering must be 2 cm high, minimum must be underneath the symbol)
- Atomic number (lettering must be 2 cm high, minimum must be placed in the top right hand corner)
- Uses (lettering must be 1 cm high, minimum, be creative)
- Fast facts (see grading rubric, for details)
- Anything else that will add innovation, creativity, and uniqueness to your poster

Materials and resources

- You may use a variety of reference sources.
- Fast Fact sheets must be neat, written in black ink, and contain all the information requested.
- Crayons/markers/colored pencils/paints
- Fast facts sheet on which to complete this assignment

THIS SHEET MUST BE
TURNED IN WHEN YOU
TURN IN THE POSTER AND
ELEMENT FAST FACTS.

NAME _____ CORE _____

Adopt an Element Rubric

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- | | | |
|--|-------|-----|
| 1. <u>Symbol</u> (11cm minimum, left hand corner) | _____ | /10 |
| 2. <u>Name of element</u> (2 cm high, minimum, underneath the symbol) | _____ | /10 |
| 3. <u>Atomic number</u> (2 cm high, minimum, top right hand corner) | _____ | /10 |
| 4. <u>Uses</u> (lettering must be 1 cm high, minimum, be creative) | _____ | /4 |
| a. Use One | _____ | /10 |
| b. Use Two | _____ | /10 |
| 5. <u>Fast facts</u> (3pt each) | _____ | /10 |
| c. Atomic number | _____ | /10 |
| d. Atomic weight | _____ | /10 |
| e. Classification | _____ | /10 |
| f. Group in periodic table | _____ | /10 |
| g. Period in Periodic Table | _____ | /10 |
| h. Standard state | _____ | /10 |
| i. Color | _____ | /10 |
| j. Origin of name | _____ | /10 |
| k. Discovered by | _____ | /10 |
| l. Date discovered | _____ | /10 |
| m. Obtained from | _____ | /10 |
| n. Cost per 100g | _____ | /10 |
| 6. <u>Followed directions</u>
Neat, correct spelling/format, original | _____ | /10 |
| 7. <u>Legible</u> | _____ | /10 |
| 8. <u>Colorful</u> | _____ | /10 |
| 9. <u>Creative</u> | _____ | /10 |
| 10. <u>On time</u> | _____ | /10 |

Total Points = _____ out of 100 = _____ %

A B C D F

Element Fast Facts

Name of element _____ Symbol _____

Atomic number _____ Atomic weight _____

Classification _____

Group in periodic table _____

Period in Periodic Table _____

Standard state (Solid, Liquid, Gas) _____ Color on Periodic Table _____

Origin of name / Symbol _____

Discovered by _____ Discovered at _____

Obtained from _____

Cost per 100g _____

Uses

1. _____

2. _____