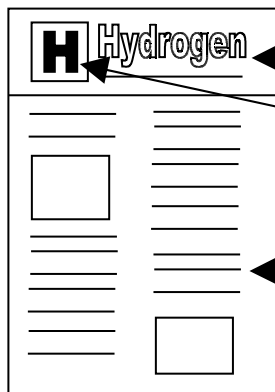


Element chosen:

## 6.1.5 Meet an Element Poster

DUE:WED Mar 23/2005

In this assignment you will first research an element, and create a small informational poster about that element, combining text and images. Your poster should have the following format:



Name of element. The “numbers” on the element go below (see notes).

Symbol of element. Include the atomic number (to the top left) and atomic weight (to the bottom left) of symbol.

Pictures of things made from the element, as well as text about the element get added around pictures.

### COMPLETE THE FOLLOWING INFORMATION ABOUT YOUR ELEMENT

#### THE NUMBERS

Under normal conditions (room temperature) my element is solid/liquid/gas (cross out).

(If it is solid). My element is a metal/non-metal (cross out).

(If it is solid). Melting point temperature: \_\_\_\_\_ °C.

(If it is a solid, or liquid). Boiling point temperature: \_\_\_\_\_ °C.

The atomic number is \_\_\_\_\_. The atomic mass is \_\_\_\_\_.

#### APPEARANCE

If you had a pure sample of the element (no other elements mixed in), describe its appearance in three ways:

- 1.
- 2.
- 3.

#### HISTORY

Find two facts about the history of the element. (Examples: who discovered it, how was it discovered, where was it discovered)

- 1.
- 2.

### 6.1.5

#### **USES**

Find and describe three things that the element is used for. These might be specific objects (e.g. x-ray tubes), as well as more general things (e.g. computer technology.) Write down enough descriptive information that you will be able to expand on this in your poster.

Uses	What qualities of the element make it useful for this purpose?
1.	1
2.	2.
3.	3.

#### **IMAGES**

Use the Internet (Google image search) find two images. Print the page using a colour printer and cut the images out. Describe each image:

1.

2.

On a separate sheet of paper write a rough draft of your poster. Organize it under the headings: APPEARANCE, HISTORY, and USES. Create imaginative subheadings that will interest the reader in what you will way.

Neatly, rewrite (or type) the text onto your poster. Include, images, and coloured text to improve the appearance.

**Science, Gr. 9***Atoms & Elements Unit***Meet an Element Poster**

Hand-in  
with your  
poster

Yes	Almost, but needs improvement	No
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The worksheet has been completed

*Communication*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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The poster is colourful; the text and layout is neat; the poster layout resembles the layout given on the assignment sheet

*Communication*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Two images of the element, or of items made of the element, were found using a Google Image search, and printed from the internet

*Knowledge*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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An electronic or paper encyclopedia was used to find information on the element

*Inquiry*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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The “numbers” on the element are correct on the poster

*Inquiry*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Three aspects of the appearance of the element are described in the poster text

*Inquiry*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------

Two facts about the history of the element are discussed in the poster text

*Inquiry*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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The two images are properly described in a caption beneath the image

*Inquiry*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Three uses of the element have been found and mentioned in the poster text

*Making Connections*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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The qualities of the element that makes it suitable for each of these three elements have been clearly stated in the poster text

*Making Connections*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Subheadings are used between parts of the poster text to interest the reader in the topic of the poster

*Communication*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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There are few flaws in spelling, grammar or punctuation in the poster text

*Communication*

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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