

Element Project

36 points

Scope of Project:

You will be creating a one-minute slideshow presentation about your element using PowerPoint. Then, with your group, you will compare similar properties of your elements and create an additional group slideshow. Finally, you and your group will combine all of your slideshows and then add a Title Slide and Bibliography Slide. Please see outline below:

Title Slide → Slideshow #1 → Slideshow #2 → Slideshow #3 → Slideshow #4 → Group Slideshow → Bibliography Slide

Assignment Directions:

1. Individual Slideshow

- a. Research the following information about your element. (Be sure to keep track of websites you are using.)
 - i. Properties
 - ii. History
 - iii. Uses
 - iv. Interesting Facts
- b. Create a 1-minute slideshow using PowerPoint. You need to include the following:
 - i. Title Slide
 - ii. 4 Additional Slides with Pictures (keep these brief – see above)

2. Group Slideshow

- a. Similar Properties
As a group, find properties that all of your elements have in common. At least ONE of them must be a chemical property (how they react). You must have a minimum of 4 similar properties.
- b. With your group, create a slideshow using PowerPoint. You need to include the following:
 - i. Title Slide
 - ii. 4 Similar Properties Slides with Pictures (keep these brief – see above)

3. Combination

- a. Combine all of your individual slideshows and your group slideshow into one PowerPoint file.
- b. Create a title page to appear at the beginning with the name of your Element Group (family).
- c. Create a bibliography page to appear at the end with your names, date, and websites used. Your group must have used a total of 4 websites.

Your slideshow will be shown to the class during our Periodic Table Unit:

Day 1 – #1 & 2 Day 2 – #3 Day 3 – #4 & 5 Day 4 – #6

Rubric:

	4 Points	3 Points	2 Points	1 Point	0 Points
A. Individual Slideshow: Format <i>Must include:</i> 1) Title Page 2) Creative Format 3) Appropriate Sequence 4) No Spelling Errors	Includes all 4 components.	Includes 3 of the components.	Includes 2 of the components.	Includes 1 of the components.	Includes none of the components.
B. Individual Slideshow: Information <i>Must include:</i> 1) Properties 2) History 3) Uses 4) Interesting Facts	Includes all 4 components.	Includes 3 of the components.	Includes 2 of the components.	Includes 1 of the components.	Includes none of the components.
C. Individual Slideshow: Pictures	Includes 4 pictures that are relevant to the information.	Includes 3 pictures that are relevant to the information.	Includes 2 pictures that are relevant to the information.	Includes 1 picture that is relevant to the information.	Includes no pictures.
D. Group Slideshow: Format <i>Must include:</i> 1) Title Page 2) Creative Format 3) Appropriate Sequence 4) No Spelling Errors	Includes all 4 components.	Includes 3 of the components.	Includes 2 of the components.	Includes 1 of the components.	Includes none of the components.
E. Group Slideshow: Information	Includes 4 properties (w/ one chemical property).	Includes 4 properties without a chemical property OR includes 3 w/ a chemical property.	Includes 3 properties without a chemical property OR includes 2 w/ a chemical property.	Includes 2 properties without a chemical property OR includes 1 chemical property.	Includes 1 property that is not a chemical property OR includes no properties.
F. Group Slideshow: Pictures	Includes 4 pictures that are relevant to the information.	Includes 3 pictures that are relevant to the information.	Includes 2 pictures that are relevant to the information.	Includes 1 picture that is relevant to the information.	Includes no pictures.
G. Combination: Format <i>Must include:</i> 1) Title Page 2) Individual Slideshows 3) Group Slideshows 4) Bibliography Page including names, date, and sources.	Includes all 4 components.	Includes 3 of the components.	Includes 2 of the components.	Includes 1 of the components.	Includes none of the components.
H. Combination: Bibliography	Used 4 sources.	Used 3 sources.	Used 2 sources.	Used 1 source.	Used no sources.
I. Group Assessment	Was on task the entire time, AND helped others.	Was on task the entire time.	Was on task most of the time. (75-99%)	Was on task some of the time. (50-75%)	Was on task less than half of the time. (<50%)