



Name: _____

Due Date: _____

ELEMENT SUPERHERO

PROJECT



ACTIVITY OBJECTIVE

In this assignment, you will design a superhero based on one of the elements of the periodic table. The physical appearance, attitudes and superpowers of your superhero have to be based on the physical and chemical properties of the element you choose. No two students may choose the same element. Remember, a superhero can be male or female.

PARTS OF THE ASSIGNMENT

PART 1: RESEARCHING YOUR ELEMENT	(8 Points)	} Total = 30 Points
PART 2: DESIGNING YOUR ELEMENT SUPERHERO	(8 Points)	
PART 3: DRAWING YOUR ELEMENT SUPERHERO	(14 Points)	

PART 1: RESEARCHING YOUR ELEMENT (8 Points)

Use the following websites to help you find information on your element and fill in that information below.

<http://www.chemicool.com>

<http://www.chemicalelements.com/>

<http://www.webelements.com/>

<http://www.lenntech.com/periodic-chart.htm>

<http://www.uky.edu/Projects/Chemcomics/>

- The element I choose is called _____ and it has the symbol _____.
- Its atomic number is _____.
- Its average atomic mass is _____.
- It has a boiling point of _____.
- It has a melting point of _____.
- It has a density of _____.
- At standard atmospheric temperature and pressure it is found in the _____ (solid/liquid/gas) state.
- It is a _____ (metal/non-metal/metalloid).

PART 2: DESIGNING YOUR ELEMENT SUPERHERO (8 Points)

Based on your research you should design your superhero with the physical appearance, strengths and weaknesses (every superhero has weaknesses) of your element.

CHARACTERISTIC		DESCRIBE THE SPECIFIC CHARACTERISTIC OF THE SUPERHERO.	WHAT CONNECTION DOES YOUR CHOICE HAVE WITH THE ELEMENT'S PROPERTIES?
Body	gender and build		
	special body characteristics		
	color and texture		
Costume	components (E.g. cape or not cape, mask or no mask etc.)		
	color scheme		
	symbol(s)		
	weapon(s)		
Powers	Provide at least <u>2 powers</u> based on the characteristics of the element. Describe how these powers are reflected in the body, costume and/or abilities of the superhero.		
Weaknesses	At least 1 weakness		