

Name: \_\_\_\_\_ Class: \_\_\_\_\_

## Adopt an Element – Research & Initial Planning Sheet

Your job is to research your Periodic Table Element. Find out all the information you can about your Element.

1	← atomic number
<b>H</b>	← element symbol
Hydrogen	← element name
1.008	← atomic weight

Element Name: \_\_\_\_\_

Symbol: \_\_\_\_\_ Atomic Number: \_\_\_\_\_

### Element Information:

Research your Element to find out AT LEAST 5 or more KEY Chemical or Physical Properties or Characteristics of your Element:

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Does your Element have... – or – Is your Element...?: Mark any line(s) with a check (✓) that describes your Element from the Periodic Table.

- Ductility (able to be drawn into a wire)
- Malleability (able to be hammered without breaking)
- Luster (reflects light; shiny surface)
- Brittle (hard but liable to break or shatter easily)
- Conductivity (able to transfer heat or electricity)
- Inhibitor (stops or “inhibits” the transfer of heat or electricity)

Any other interesting facts or information about your Element?

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**Directions:** Think about HOW the different *Elements of Art* MIGHT be used to represent your particular *Periodic Table Element*.

Mark any line(s) with a check (✓) that describes possible ideas you could use to create your Element in a **MAGNIFIED, SYMBOLIC, ABSTRACT, VISUALLY AESTHETIC PLEASING WAY**

**Step 1 : Elements of Art**

1. **LINES** – Can you use LINES to create your element? What kind of lines can you possibly use?

shape    thick    jagged    heavy    choppy    vertical  
 diagonal    horizontal    straight    smooth    graceful    thin  
 fuzzy    wavy

Other(s): \_\_\_\_\_

2. **SHAPES** - Can you use SHAPES to create your element? What kind of shapes can you possibly use?

circles    rectangles    square    triangles    angular  
 curved    organic    soft-edged    hard-edged

Other(s): \_\_\_\_\_

3. **TEXTURE** - Can you use TEXTURES to create your element? What kind of textures can you possibly use?

rough    smooth    shiny    dull    hard    soft

Other(s): \_\_\_\_\_

4. **COLORS** – What kinds of COLORS can you use to create your element?  bright    soft

dark    light    strong    warm  
 cool    complementary    neutrals    analogous

What specific color(s) will work BEST to represent your particular Element?

\_\_\_\_\_  
\_\_\_\_\_

5. **FORM** - Can you use FORMS to create your element? What kind of forms can you possibly use?  organic    geometric    flowing    rocky looking    fur looking

non-objective   Other(s): \_\_\_\_\_

6. **VALUE** - Can you use VALUE to create your element? HOW will you create value in your Element?

\_\_\_right side \_\_\_left side \_\_\_bottom \_\_\_top \_\_\_middle

7. ILLUSION OF **SPACE** - Can you use SPACE to create your element? HOW will you use space to show your Element?

\_\_\_deep space (looks like you can see for miles)

\_\_\_shallow (can't see far)

\_\_\_flat space-not 3-D

**Step 2 : Principles of Design: THE DESIGN – Start to think about the WAY all the Element of Art are going to be put together in your drawing(s) to create your Periodic Table Element**

8. **BALANCE** - What kind of BALANCE do you think you might use?

\_\_\_asymmetrical-each side is different

\_\_\_symmetrical-each side is similar

\_\_\_a little of each

9. **EMPHASIS** and **CONTRAST**: The Focal Point - What is the first thing that you want your audience (Mrs. Green, Ms. Garcia, and Mrs. Grimm) to see when they look at your artwork?

Answer \_\_\_\_\_

What will make your audience see "THAT" first?

Answer \_\_\_\_\_

10. **RHYTHM** and **MOVEMENT** - CREATED BY REPETITION or **PATTERNS** – What Elements of Art might you see yourself repeating in your artwork?

\_\_\_lines - How might you repeat them in your work? \_\_\_\_\_

\_\_\_shapes - How might you repeat them in your work? \_\_\_\_\_

\_\_\_colors - How might you repeat them in your work? \_\_\_\_\_

11. **TECHNIQUE**, **MEDIA**, and **STYLE** – Which medium do you plan to use?

\_\_\_ Chalk (dry) Pastels

\_\_\_ Oil Pastels

\*Once you have this paper completely filled out and have your initial ideas as to what you might use (Element of Art and Principles of Design) to create your drawing(s) – you may get your Thumbnail Sketch paper(s) from Mrs. Green.

