

# “Adopt an Element” Pastel Magnified View Drawing – Directions & Rubric

Name:

Class:

## “Adopt an Element” Pastel Magnified View Drawing

### Project Objective(s):

Students will create a collaborative project combining art and science after they “Adopt an Element” from the Periodic Table.

Students will create a magnified view pastel drawing that symbolically represents their element in an abstract composition.

Without the ability to use recognizable images or symbols, the students are challenged to use the Elements of Art to convey 5 or more “elements” of their “element.”

### Students:

My job for this project is to use either chalk or oil pastels to create an abstract, magnified representational drawing of my adopted element.

By the end of this project, I will have created a pastel drawing that symbolically represents my adopted element through the use of the Elements of Art and a magnified, abstract composition.


**Language Objective:** Students will discuss their ...


\*Element description(s) \*thumbnail sketches \*medium choice \*compositional design \*strongest composition to create \*project progress \*final project


...with their table partners and provide each other with useful and specific feedback that they will then use to make revisions and refinements to their work before turning in.


**Materials/Tools:** \*#2 Pencil \*Periodic Table  
\*Oil/Chalk Pastel Practice Sheets \*Research & Initial Planning Sheet \*Thumbnail Sketch Paper  
\*8.5 x 11 drawing paper (landscape) \*Computers  
\*oil pastels \*chalk pastels


### Helpful Hints, Warnings, and Insights:

 Oil Pastels start with the darkest color first – layer the colors – dark to light

 Oil Pastels – blend by mixing the oils through layering

 Chalk Pastels – blend by smudging the layers into each other

 Chalk Pastels – start with the lightest color first

 Remember: NO recognizable images or symbols! I am creating an abstract, symbolic representation of my Element.

**Procedures:** (Check off- as each step is completed)

### Step 1: Practice with Pastels

As a class, we will practice how to use both oil and chalk pastels. Oil pastels blend by the mixing of the oils through layering. Oil pastels start with the darkest color first.

Chalk pastels blend by smudging the layers into each other and repeated back and forth use of the colors. Chalk pastels start with the lightest color first.

### Step 2: Element & Research

I will pick my Element from the bucket. I will research my Element and fill out the **Adopt an Element – Research and Initial Planning Sheet packet** – completely

### Step 3: Thumbnail Sketches

I will use my research on my Element and plan how my entire drawing is going to look - including color choices – to support the overall chemical and/or physical properties of my adopted Element. From my **Adopt an Element – Research and Initial Planning Sheet** – I will start sketching out my Element Pastel Drawing ideas – Remember to think about what Elements of Art will help support my Element’s chemical and/or physical properties.

### Step 4: Feedback

**I WILL REMEMBER TO GET PEER and TEACHER FEEDBACK!!! I WILL REMEMBER TO TAKE NOTES ON THE FEEDBACK I RECEIVE!!**

### Step 5: Refinements & Revisions

I will use my Peer & Teacher Feedback notes and any new ideas I’ve come up with make changes, refinements and revisions to my planned Thumbnail Sketches. I also need to plan out **WHAT COLORS** I’m going to use and **WHERE and HOW** I’m going to use them!

### Step 6: Peer-to-Peer & Final Mrs. Grimm “Ok”

I will **participate** in a Peer-to-Peer Review in which I will **describe** my Adopted Element and **explain** the Elements of Art/Drawing Choices I made to represent my Adopted Element. **I, along with my Peers**, will choose what we believe to be the **STRONGEST** Thumbnail Sketch Drawing based on the Review. **I will get the Final Thumbnail Sketch approval from Mrs. Grimm.**

### Step 7: Draw

I will draw my Mrs. Grimm approved Thumbnail Sketch onto my final drawing paper – **Making sure your drawing fills up the entire paper – top to bottom and side to side.**

### Step 8: Add Color

Using **EITHER** the oil pastels **OR** the chalk pastels, I will complete my drawing by adding the colors that **BEST** support my Element’s Chemical and/or Physical properties. **BLEND, BLEND, BLEND – I WILL REMEMBER TO GET PEER and TEACHER FEEDBACK!!! I WILL REMEMBER TO TAKE NOTES ON THE FEEDBACK I RECEIVE!!**

### Step 9: Refinements & Revisions

I will use my Peer & Teacher Feedback notes and any new ideas I’ve come up with make changes, refinements and revisions to my Drawing.

### Step 10: Craftsmanship

I will go back and check and re-check my entire drawing to make sure it is nice and neat. Any random marks? I need to either work them into my drawing or erase them.

### Step 11: Name

I will make sure my **Name** and **Class** is written **IN PENCIL** on the **BACK** of my work.

### Step 12: Assessment

**I will Grade my project** using the Project Grading Rubric. I will also make sure the entire **Adopt an Element – Research and Initial Planning Sheet packet AND Project Progress Accountability Sheet packet** are complete and everything in this (“Adopt an Element” Pastel Magnified View Drawing – Directions & Rubric) handout is complete - **TURN EVERYTHING IN ON THE DUE DATE!!**

# “Adopt an Element” Pastel Magnified View Drawing – Directions & Rubric

Name: _____					Period: _____
What you're getting graded on	D or F little to no effort, done carelessly, obvious signs of indifference, incomplete; THE OPPOSITE OF AWESOME	C work is competent or average, minimum effort, somewhat thoughtful; SOMEWHAT AWESOME	B work is good, genuine effort, thoughtful; AWESOME	A work is excellent, enthusiastic effort, creative, artistic, interesting; EXTREMELY AWESOME	Points Earned/ Notes
<p>1- AS# 1 &amp; 10 VA.CR.1.6.b VA.CN.10.6 AO1/A02 <b>Development of Ideas:</b></p>	<p>1- The artist <b>wasted</b> class studio (work) time (<b>was off task during</b>) <b>and, therefore, did NOT</b> have much research <b>and/or</b> completed sketches of their Element Pastel Drawing <b>and/or</b> did not go back and refine their final sketch before starting their final drawing.</p> <p>-----</p> <p>1- The artist <b>wasted MOST</b> of the class studio (work) time (<b>was off task during MOST</b>) <b>and, therefore, did NOT</b> have research <b>and</b> completed sketches of their Element Pastel Drawing <b>and/or</b> did not go back and refine their final sketch before starting their final drawing.</p>	<p>1- The artist <b>used some</b> of their class studio (work) time to research, plan, sketch, refine, and create their final Element Pastel Drawing.</p>	<p>1- The artist made <b>good use</b> of class studio (work) time research, plan, sketch, refine, and create their final Element Pastel Drawing.</p>	<p>1- The artist made <b>excellent use</b> of class studio (work) time to research, plan, sketch, refine, and create their final Element Pastel Drawing.</p>	/10
<p>2- AS#2 VA.CR.2.6a AO4 <b>Technical Skills:</b> <b>Abstract Representation of Adopted Element</b></p>	<p>1- The artist demonstrated <b>Limited ability</b> to use the oil/chalk pastels to create <b>an abstract drawing of their Adopted Element</b></p> <p>2 – Completed drawing <b>shows that the artist put some thought</b> into deciding how to represent their Adopted Element</p> <p>-----</p> <p>1- The artist demonstrated <b>VERY Limited ability to no</b> ability to use the oil/chalk pastels to create <b>an abstract drawing of their Adopted Element</b></p> <p>2 – Completed drawing shows <b>that the artist put Little to no thought</b> into deciding how to represent their Adopted Element</p>	<p>1 – The artist demonstrated a <b>proficient</b> ability to use the oil/chalk pastels to create <b>an abstract drawing of their Adopted Element</b></p> <p>2 – Completed drawing <b>mostly shows that thoughtful</b> decisions were made when the artist chose how to represent their Adopted Element.</p>	<p>1 – The artist demonstrated an <b>accomplished</b> ability to use the oil/chalk pastels to create <b>an abstract drawing of their Adopted Element</b></p> <p>2 – Completed drawing <b>shows that clear &amp; thoughtful</b> decisions were made when the artist chose how to represent their Adopted Element.</p>	<p>1 – The artist demonstrated an <b>Outstanding</b> ability to use the oil/chalk pastels to create <b>an abstract drawing of their Adopted Element</b></p> <p>2 – Completed drawing <b>shows that excellent, clear, &amp; thoughtful</b> decisions were made when the artist chose how to represent their Adopted Element.</p>	/10
<p>3- AS#2 VA.CR.2.6a AO4 <b>Technical Skills:</b> <b>Magnified View - Representation of Adopted Element</b></p>	<p>1- The artist demonstrated <b>Limited ability</b> to use the oil/chalk pastels to create <b>a magnified view of their Adopted Element</b></p> <p>2 - Completed drawing <b>shows that the artist put some thought</b> into deciding how to represent their Adopted Element</p> <p>-----</p> <p>1- The artist demonstrated <b>VERY Limited ability to no</b> ability to use the oil/chalk pastels to create <b>a magnified view of their Adopted Element</b></p> <p>2 – Completed drawing shows <b>that the artist put Little to no thought</b> into deciding how to represent their Adopted Element</p>	<p>1- The artist demonstrated a <b>proficient</b> ability to use the oil/chalk pastels to create <b>a magnified view of their Adopted Element</b></p> <p>2 – Completed drawing <b>mostly shows that thoughtful</b> decisions were made when the artist chose how to represent their Adopted Element.</p>	<p>1- The artist demonstrated an <b>accomplished</b> ability to use the oil/chalk pastels to create <b>a magnified view of their Adopted Element</b></p> <p>2 – Completed drawing <b>shows that clear &amp; thoughtful</b> decisions were made when the artist chose how to represent their Adopted Element.</p>	<p>1- The artist demonstrated an <b>Outstanding</b> ability to use the oil/chalk pastels to create <b>a magnified view of their Adopted Element</b></p> <p>2 – Completed drawing <b>shows that excellent, clear, &amp; thoughtful</b> decisions were made when the artist chose how to represent their Adopted Element.</p>	/10

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<p>4- AS#8 VA.RE.8.6 AO3 <b>Visual Organization Elements of Art Principles of Design</b> (Color, Patters, Lines, Shapes, Textures, Values, Forms, Unity)</p>	<p>1- The artist demonstrated <b>Limited ability</b> to create their Element using the Elements of Art; 2- The artist shows that <b>Some thought</b> went into the use of the Elements of Art to complete their Adopted Element drawing. 3- The artist demonstrated a <b>limited ability to use any new (researched or feedback) information AND the Elements of Art to UNIFY</b> the drawing as <b>one complete thought</b>.</p> <hr/> <p>1- The artist demonstrated <b>VERY Limited ability to no ability</b> to create their Element using the Elements of Art; 2- The artist shows that <b>Little to no thought went into</b> the use of the Elements of Art to complete their Adopted Element drawing. 3- The artist demonstrated <b>very limited to no ability to use any new (researched or feedback) information AND the Elements of Art to UNIFY</b> the drawing as <b>one complete thought</b>.</p>	<p>1- The artist demonstrated a <b>proficient</b> ability to create their Element using the Elements of Art; 2 - The artist shows <b>Thoughtful</b> use of the Elements of Art to complete their Adopted Element drawing. 3- The artist demonstrated a <b>proficient</b> ability to <b>use any new (researched or feedback) information AND the Elements of Art to SOMEWHAT UNIFY</b> the drawing as <b>one complete thought</b>.</p>	<p>1- The artist demonstrated an <b>accomplished</b> ability to create their Element using the Elements of Art; 2- The artist showed <b>Clear &amp; thoughtful</b> use of the Elements of Art to complete their Adopted Element drawing. 3- The artist demonstrated an <b>accomplished</b> ability to <b>use any new (researched or feedback) information AND the Elements of Art to UNIFY</b> the drawing as <b>one complete thought</b>.</p>	<p>1- The artist demonstrated an <b>Outstanding</b> ability to create their Element using the Elements of Art; 2 – The artist shows <b>Good, clear, &amp; thoughtful</b> use of the Elements of Art to complete their Adopted Element drawing. 3- The artist demonstrated an <b>Outstanding</b> ability to <b>use any new (researched or feedback) information AND the Elements of Art to UNIFY</b> the drawing as <b>one complete thought</b>.</p>	<p>/20</p>
<p>5- AS#2 VA.CR.2.6a AO4 <b>Technical Skills:</b> <b>Overall Craftsmanship Blending Techniques (Pastels)</b></p>	<p>1- The artist <b>shows limited effective</b> use, control, and understanding of oil/chalk pastels <b>and</b> blending processes; 2- The final drawing has <b>a lot of</b> random marks that are visible <b>OR a lot of</b> areas that are left not blended <b>OR</b> left with the white drawing paper showing through; 3- The paper has <b>a lot of</b> tears; 4- <b>MOST</b> of the drawing is <b>sloppy and appears to be “rushed”</b>; 5- <b>Little</b> time and care was put into the drawing; 6- <b>A Lot</b> of class work time was wasted.</p> <hr/> <p>1- The artist <b>shows VERY Little to no effective</b> use, control, and understanding of oil/chalk pastels and blending processes; 2- The final drawing is <b>not</b> neat and clean and has <b>many</b> random marks that are visible, a lot of areas are left unblended, a lot of white drawing paper has been left to show through the work 3- The paper has <b>several</b> tears; 4- The entire drawing is <b>sloppy and appears to be “rushed”</b>; 5- <b>Very Little or no</b> time and care was put into the drawing; 6- <b>Majority</b> of class work time was wasted.</p>	<p>1- The artist <b>somewhat shows the effective</b> use, control, and understanding of oil/chalk pastels <b>and</b> blending processes; 2- The final drawing is <b>somewhat</b> neat and clean, <b>however a few</b> undesired marks are visible <b>OR some</b> areas are not blended well <b>OR</b> left with the white drawing paper showing through; 3- The paper has a <b>few</b> tears in it; 4- The final drawing appears to be <b>somewhat sloppy and “rushed”</b>; 5- <b>Some</b> time and care was put into the entire drawing; 6- <b>Some</b> class work time was wasted.</p>	<p>1- The artist <b>shows clear &amp; effective</b> use, control, and understanding of oil/chalk pastels <b>and</b> blending processes; 2- The final drawing is neat and clean overall and is <b>mostly</b> free of random marks, but some (1-2) undesired marks are visible; 3- The final drawing was done with <b>care and good use of time</b>; 4- The artist made <b>good use</b> of class studio (work) time to complete their project.</p>	<p>1- The artist <b>shows excellent, clear, &amp; highly effective</b> use, control, and understanding of oil/chalk pastels <b>and</b> blending processes; 2- Final drawing is <b>very neat and clean</b> overall; 3- Final project is free from random marks; all random marks have been erased or worked into the art; 4- <b>Careful</b> time and <b>extreme</b> care was put into the entire drawing; 5- The artist made <b>excellent use</b> of class studio (work) time to complete their project.</p>	<p>/20</p>

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<p>6- AS#8 VA.CR.2.7.c AO3 <b>Visual Organization Composition</b></p>	<p>1- There is <b>limited</b> signs of a <b>planned</b> composition for the Element Pastel Drawing                  2- <b>Little</b> attempt was made to <b>balanced</b> the image of their Element <b>with</b> the use of the Elements of Art so that their drawing would fill up their entire paper                  3- <b>The entire drawing is too small; most</b> of the drawing paper is left empty</p> <hr/> <p>1- There is <b>Very Limited to no</b> signs of a <b>planned</b> composition for the Element Pastel Drawing                  2- <b>Very Little to no</b> attempt was made to <b>balanced</b> the image of their Element <b>with</b> the use of the Elements of Art so that their drawing would fill up their drawing paper                  3- <b>The entire drawing is WAY TOO SMALL; almost ALL</b> of the drawing paper is left empty</p>	<p>1- The artist demonstrated a <b>proficient</b> ability to create a planned composition of their Element Pastel Drawing.                  2- The artist <b>somewhat balanced</b> the composition of their Element <b>with</b> the use of the Elements of Art so that their drawing <b>SOMEWHAT FILLS UP</b> the entire paper and is <b>SOMEWHAT</b> interesting to look at.                  3 – The entire drawing is a bit <b>on the small side</b> and leaves a <b>little too much</b> drawing paper empty.</p>	<p>1- The artist demonstrated an <b>accomplished</b> ability to create a <b>Thoughtful</b> composition of their Element Pastel Drawing.                  2- The artist has <b>MOSTLY balanced</b> the composition of their Element <b>with</b> the use of the Elements of Art so that their drawing <b>MOSTLY FILLS UP</b> the entire paper and is interesting to look at (eye-catching).</p>	<p>1- The artist demonstrated an <b>Outstanding</b> ability to create a <b>Strong, thoughtful, creative</b> composition of their Element Pastel Drawing.                  2- The artist has <b>balanced</b> the composition of their Element <b>with</b> the use of the Elements of Art so that their drawing <b>FILLS UP</b> the entire paper and is very interesting to look at (eye-catching).</p>	<p>/10</p>
<p>7- AS#3 VA.CR.3.6 AO5 <b>Personal Vision and Presentation</b></p>	<p>1- The artist demonstrated <b>limited</b> ability to <b>USE</b> the research of their Element <b>to guide and/or inspire</b> their final Element Drawing.                  2 – The artist demonstrated <b>limited</b> ability to <b>use their chosen medium</b> to create their Element.                  3 – The artist demonstrated <b>limited</b> ability to <b>use Elements of Art</b> throughout their drawing as a way to help represent the Properties and/or Characteristics of their drawn Element.</p> <hr/> <p>1- The artist demonstrated <b>VERY Limited to no</b> ability to <b>USE</b> the research of their Element <b>to guide and inspire</b> their final Element Drawing.                  2 – The artist demonstrated <b>VERY Limited to no</b> ability to <b>use their chosen medium</b> to create their Element.                  3 – The artist demonstrated <b>VERY Limited to no</b> ability to <b>use Elements of Art</b> throughout their drawing as a way to help represent the Properties and/or Characteristics of their drawn Element.</p>	<p>1- The artist demonstrated a <b>proficient</b> ability to <b>USE</b> the research of their Element <b>to inspire</b> their final Element Drawing.                  2 – The artist demonstrated a <b>proficient</b> ability to <b>use their chosen medium</b> to create their Element.                  3 – The artist demonstrated a <b>proficient</b> ability to <b>use Elements of Art</b> throughout their drawing as a way to help represent the Properties and/or Characteristics of their drawn Element.</p>	<p>1- The artist demonstrated an <b>accomplished</b> ability to <b>USE</b> the research of their Element <b>to inspire</b> their final Element Drawing.                  2 – The artist demonstrated an <b>accomplished</b> ability to <b>use their chosen medium</b> to create their Element.                  3 – The artist demonstrated an <b>accomplished</b> ability to <b>use Elements of Art</b> throughout their drawing as a way to help represent the Properties and/or Characteristics of their drawn Element.</p>	<p>1- The artist demonstrated an <b>Outstanding</b> ability to <b>USE</b> the research of their Element <b>to guide and inspire</b> their final Element Drawing.                  2 – The artist demonstrated an <b>Outstanding</b> ability to <b>use their chosen medium</b> to create their Element.                  3 – The artist demonstrated an <b>Outstanding</b> ability to <b>use Elements of Art</b> throughout their drawing as a way to help represent the Properties and/or Characteristics of their drawn Element.</p>	<p>/20</p>

Grade References: Points per Standard Category

20 Points	10 Points
A = 18-20	A = 9-10
B = 16-17	B = 8
C = 14-15	C = 7
D = 12-13	D = 6
F = 0-11	F = 0-5

Total Points

100 Points
A = 90-100
B = 80-89
C = 70-79
D = 60-69
F = 0-59

Total Points: \_\_\_\_\_/100

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