Name:	Date: Element Project	Per
An element is a pure substant of protons. Individually or in a learned in class, each element which was created by Dmitri I	combination, the elements f can be found on The Perio	form all matter! As we
The purpose of this project is of one of the first 20 element	, ,	
A graphic organizer withA model of an atom of yAn 2-3 minute oral pres	our element	search
You will be given two class per project in school. Whatever will need to be completed on y and oral presentation parts of	vork is not completed during vour own time. You will work	g these two class periods on your model of an atom
You may work individually or was create 1 project together and project.	•	·
This packet contains all of the project. This packet must be in class Monday, March 23rd make sure that the graphic or completed by the project due	in class every day. We will I through Monday, April 6 ganizer is completed to en	be working with the packet th. I will be checking to
Check a box;		
I am creating this project	alone	
I am creating this project	with a partner. My partne	r is
The Element Project is due or	: Tuesday, April 7	

Parent/Guardian Signature:

Name: Date	e: Per			
Element Project: Graphic Organizer We will work on this part of the project in class on Tuesday, March 24 and Wednesday, March 25. In the graphic organizer below, please record the following information. You will need this information for your model and presentation.				
Name of element:				
Symbol:	Atomic number:			
Atomic weight:	Standard state:			
Number of: Protons Electrons Neutrons	Classification and Family: Metallic, Non-Metallic, or Metalloid (circle one) Family:			
Color:	Uses:			

Name:	Date:	Per
Element Project	: Graphic Organize	r (continued)
Write at least 3 interesting for written in the 3^{rd} period and in		nt. Facts should be
Interesting Fact #1 (in you	ur own words):	
Interesting Fact #2 (in yo	ur own words):	
Interesting Fact #3 (in yo	ur own words):	

Struggling with what to write about? Here are some ideas:

- If your element has a symbol that does not match the name of your element, explain why that is. (For example, Mercury's symbol is Hg.)
- How your element was used in the past compared to how it was used today.
- Is your element found naturally? If so, explain where it can be found. If your element is not found naturally, explain where it comes from.
- Is your element reactive with other elements and/or compounds?

Name:	Date:	Per
	Element Project: Model of a	an Atom

We will not work on this part of the project in class.

For this part of the project, you will create a model of 1 atom of your element. Your model must include:

- The correct number of protons, neutrons, and electrons arranged in the nucleus and the energy shells of the electron cloud.
- A key indicating the number, charge and color of protons, neutrons and electrons in your model. The key may be on an index card that you attach to your model.

You can use a variety of materials to make your model. It can be made on poster board, cardboard, or it can be 3-D. Be creative!

Element Project: Oral Presentation We will not work on this part of the project in class.

For this part of the project, you show your model to the class and give a 2-3 minute oral presentation about your element. Partners will give 1 presentation together. Your presentation must include:

- Information that is scientifically accurate and presented in an interesting and original way.
- The atomic number, atomic mass, state of the element, uses of the element, number of protons, number of neutrons, and number of electrons.
- At least 3 interesting scientific facts about your element.