

Name \_\_\_\_\_ Due Date: MAY 15<sup>th</sup>

My ELEMENT:

**(WILL NOT EXCEPT AFTER THIS DATE)**

*Element Baby Book Rubric*

In this project you will adopt an element from the periodic table. As a proud parent, you will create a baby book to remember each stage of your element's life. You may use the template provided, or create one of your own (as long as it meets the requirements.)

**\*\*\*Attached this rubric to your completed project.**

**Sources of Information:**

- The Periodic Table
- Websites (please refer to the websites on the information sheet)

**Requirements:**

- *All graphics may be computer-generated OR hand-drawn.*
- *Everything must hand-written.*

**FRONT COVER (5 points)**

- Name of element
- Decorated **and** COLORFUL
- **BACK COVER:**
- Your Name
- Class period

**Page 1 (Element's Information) (20 points)**

- Name of Element (English & Latin (if appropriate) and give your element a first name)
- Nickname of Element (Element's Symbol)
- Date of Birth (date the element was discovered)
- Birth Weight (atomic mass)
- Birth Height (atomic number)
- Race (type of element)
- Attending Physician (Discoverer)
- Gender (state of matter at room temperature)
- Place of birth (country of discovery)
- Personality (emotions: boiling point and melting point)

**Page 2 (Pronunciation rebus) (5)**

- Pronunciation rebus (How do I pronounce it? A representation of the words or syllables by pictures of objects whose names resemble the intended words or syllables in sound. Ex. Rainbow – rain cloud + hair bow)

**Page 3 (Birth Certificate) (5)**

- Fill out birth certificate and have parents sign

**Page 4 (Element's 1st Portrait) (10 points)**

- Draw a picture of your element. This can be a cartoon-type drawing or another type of graphic. It must have the following information as described below. Your picture can be hand-drawn, computer generated or copied from a reference book. Please remember to site any copied graphics.
- **Picture of element:**
- **Head** – atomic number
- **Body** - number of protons
- **Arms** – number of electrons
- **Legs** – number of neutrons

**Page 5 (Element's Poem/Story/Song) (15 points)**

**Choose ONE of the following:**

- Write a 2-3 paragraph story about your element.
- Write a poem about your element in one of the following forms:
- Rhyme, Haiku, Limerick, Name (Acrostic), Quatrain or Narrative poem.
- Write a song about your element. (Include the melody)

**Page 6 (Other Element Information) (10 points)**

- **Family Name** (Family/Group Name)
- **Address** (period + discoverer's last name + drive, lane, circle, court, road, or way)
- **Siblings** (Brothers/Sisters) Names of other elements in that family/group
- **Family portrait** (like page 4) of each element in the family

**Page 7 (Element's First Picture) (5 points)**

- Picture of the element (Bohr model)

**Page 8 (Element's Career) (10 points)**

- State the common uses of your element. This can be in paragraph form or listed, but *MUST* be in complete sentences.
- Picture of career (common use)

**Page 9 (Sources) (5 points)**

- State the sources from which you obtained your information
- Websites (url's)
- Reference Books (bibliographic information)

**Neatness, Pictures, & Effort (4)**

- 4pts: Excellent effort, very creative
- 3pts: Good effort, some creativity
- 2pts: Mediocre effort
- 1pt: Poor effort

**Element Research sheet (6)**

**TOTAL (100 points)**

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**Element Baby Book**

**Research:**

1. Name of element: \_\_\_\_\_
2. Element symbol: \_\_\_\_\_
3. Atomic number: \_\_\_\_\_
4. Atomic mass: \_\_\_\_\_
5. # of protons: \_\_\_\_\_
6. # of electrons: \_\_\_\_\_
7. # of neutrons: \_\_\_\_\_
8. Date of discovery: \_\_\_\_\_
9. Discoverer: \_\_\_\_\_
10. Country of Discovery: \_\_\_\_\_
11. Boiling Point: \_\_\_\_\_
12. Melting Point: \_\_\_\_\_
13. State of matter: \_\_\_\_\_
14. Family name: \_\_\_\_\_
15. Names of family members: \_\_\_\_\_
16. Period (Address): \_\_\_\_\_
17. Uses for element (career): \_\_\_\_\_
18. Type of element: \_\_\_\_\_

**WEBSITES:**

<http://pearl1.lanl.gov/periodic/default.htm>

<http://www.mii.org/periodic/MIIperiodicChart.html>

<http://www.bayerus.com/msms/fun/pages/periodic/index.html>

<http://education.jlab.org/itselemental/index.html>