Name: ______________________  Element Baby Book

Background
In this project you will adopt an element from the periodic table. Whatever element you choose has to have an atomic number from 2 – 20. As a proud new parent of your element, you will create a baby book to remember the stages of your element’s life. I will allow you time to use the computers to research your element and time in class to work on the book itself.

You can use the following sources of information:
- Websites at the bottom of this page to help your search.
- Periodic Table
- Encyclopedias/Merck Index

You can create your baby books by hand, or using the computer. It is optional. Be creative and have fun with the design of your baby book. Remember, you are capturing the moments in your baby’s life that you want to keep forever.

Requirements
- Cover page – 5 points
  - Name of element and your name
  - Decorative cover
- Page 1 – 30 points
  - This should be written in paragraph form.
  - Create a narrative about your baby including:
    - Name of element (give your element a first name)
    - Nickname of element (symbol)
    - Birth date (date element was discovered)
    - Birth weight (Atomic mass)
    - Race (type of element)
    - Attending physician (discoverer)
    - Gender (state of matter at room temperature)
    - Place of birth (country of discovery)
    - Personality (emotions: state of matter, boiling point & melting point)
- Page 2 – 5 points
  - Fill out the birth certificate. You, being the parent, must sign it.
  - You need to include: Baby’s name, birth date, parents, country of origin and race.
- Page 3 – 10 points
  - Picture of element
    - Use # of protons as body
    - Use # of neutrons as legs
    - Use # of electrons as arms
    - Atomic number as head
• Page 4 – 15 points
  o Write a poem/song/rap about the element.

• Page 5 – 15 points
  o Draw picture of all family members, like on page 3.
  o Family name (family name and group number)
  o Address (period & discoverer’s last name + drive, lane, circle, court, road or way)
  o Brothers and sisters (names of family members)

• Page 6 – 5 points
  o Bohr model of element

• Page 7 – 15 points
  o Career of element (what your element will become when it grows up)
  o Picture of career
  o How much money she/he will make in their lifetime

• You must complete ALL requirements for the baby book!

Websites to use for research:
Los Alamos National Laboratory
Minerals Education Coalition
Bayer's Making Science Make Sense
Jefferson Lab
The website of Theodore Gray and friends