Element project

You are to pretend you are the element \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and that you want to obtain a position on Mr. Mendeleev’s periodic table. For the written part of the project, you will compete either a letter Mendeleev or a resume (presentation of your background and skills) to be sent to Mr. Mendeleev. Whichever you choose must follow the format chosen and also answer the questions below. You will prepare a visual aid or poster presentation that will serve as the ”photograph” that accompanies the letter or resume.

**Options**

1. Create a resume. Assume you are applying for a position on the periodic table. Make sure each question is answered in several sentences. Be creative but do not omit or alter any factual information.
2. Write a letter to Dimitri Mendeleev asking to be placed on the periodic table. Make sure you have a strong argument by answering each of the questions below in at least three sentences each. As in any letter, proper grammar, punctuation, or spelling is important. Attach a recent “Photography” for Mr. Mendeleev.

**Question to be answered:**

1. Describe yourself as an element. Include your name, address (location on the periodic table, including special named area, period, and family), state or phase, atomic mass, and atomic number.
2. Describe the arrangement of your electrons. Include your group name and how other elements in the group are similar to you and different from you.
3. What are your “likes” and “dislikes” (what sort of reactions will you do or not do?)
4. Give some background, basic information (date discovered; discoverer; number of electrons, protons, and neutrons; properties such as color, odor, malleability, hardness, shine, etc.)
5. What extracurricular activities are you part of? (Important processes, compounds, or reaction your element is part of).
6. What do you contribute to society? (uses good or bad)

**Photograph or visual aid requirement**

1. The “photo” will actually be a box similar to those on the periodic table in the book. You may draw it by hand or on the computer, as long as it meets the other requirements.
2. The size should be 8.5 x 11 sheet of paper or poster board.
3. The photo can have a background of any type or color paper you choose.
4. Include your name, symbol, atomic mass, and atomic number.
5. Indicate whether your room temperature state is a gas, liquid, or solid.
6. If your element is a metal, your element symbol should be black. If your element is a non-metal, your element symbol should be in red. If your element is a metalloid, your element symbol should be in blue.
7. Regardless of the color and nature of your background, writing, and or symbol, al the information should be visible and legible from a distance of 3 meters.