Checklist for Periodic Table Children’s Book

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Pts  Possible | Description |
| **\*Purpose** |  |  | Book is appropriate for 5th grade students. |
| **\*Organization** |  | 3 | A clever title on the cover of your book. |
|  |  | 3 | Your name on the cover of your book. |
|  |  | 4 | Table of contents |
| **\*Idea Development** |  | 10 | How is the radius of an element determined, and what tends to happen to the size of an atom as we go across a period and then as we go down a group on the periodic table? |
|  |  | 10 | What is ionization energy, how does it relate to the charge on an ion, and what tends to happen to this energy as we go across a period, and as we go down a group on the periodic table? |
|  |  | 10 | What is electronegativity, how does it affect a chemical bond, and what tends to happen to this property as we go across a period, and as we go down a group on the periodic table? |
|  |  | 10 | Picture of the Periodic Table |
|  |  | 10 | Glossary of a minimum of ten words in your book |
| \***Outcome** |  | 20 | Colorful and Creative |
| \***Language** |  | 20 | Book and Presentation contains no grammar or spelling errors |
|  |  | **100** | PERIODIC TABLE CHILDREN’S BOOK |