Subatomic Particles \_\_\_\_\_\_/5 Isotopes \_\_\_\_\_\_\_/5

|  |  |  |
| --- | --- | --- |
| *Requirement* | *Present* | *Missing* |
| Image of Element |  |  |
| Number of Protons |  |  |
| Number of Electrons |  |  |
| Number of Neutrons |  |  |
| Atomic # & Atomic Mass |  |  |

|  |  |  |
| --- | --- | --- |
| *Requirement* | *Present* | *Missing* |
| Isotopes of the element |  |  |
| Isotopic Notation |  |  |
| Hyphen Notation |  |  |
| Percentages of Isotopes |  |  |
| Sample Avg Atomic Mass Problem |  |  |

|  |  |  |
| --- | --- | --- |
| *Requirement* | *Present* | *Missing* |
| Graph showing stability of element |  |  |
| Neutron: Proton Ratio |  |  |
| Alpha Decay Reaction |  |  |
| Beta Decay Reaction |  |  |
| Half Life & Ranking  |  |  |

Ions \_\_\_\_\_\_\_/5 Nuclear Stability \_\_\_\_\_\_\_/5

|  |  |  |
| --- | --- | --- |
| *Requirement* | *Present* | *Missing* |
| Most Common Charge |  |  |
| Protons/ Electrons Differences |  |  |

**Neatness / Organization / Creativity / Quality** \_\_\_\_\_\_\_/10

|  |  |  |  |
| --- | --- | --- | --- |
| *Requirement* | *0* | *1* | *2* |
| Organization | * Page is not neat, organized, or easy to follow. No sections are labelled & no correct formatting
 | * Page is somewhat neat, organized, and somewhat easy to follow with some sections properly labelled sections & correct formatting
 | * Page is neat, organized, and easy to follow with properly labelled sections & correct formatting
 |
| Quality | * The quality of writing and images are not professional and/or appealing
 | * The quality of writing and images are somewhat professional and appealing
 | * The quality of writing and images are professional and appealing
 |
| Creativity | Creativity was not used in the creation of images and other media | Creativity was somewhat used in the creation of images and other media | Creativity was used in the creation of images and other media |
| Work Cited | Not Present | Some sources present at the bottom with some images/text not cited  | Present at the bottom of the pages with all images/text cited |
| Overall | Pages contains many errors and shows very little hard work. | Page contains some errors/ information and shows somewhat hard work | Page contains all accurate information and shows hard work |