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| --- | --- | --- |
| Word | Definition | Picture |
|  |  | (3 colors each drawing) |
|  |  |  |
|  |  |  |

Set up all Vocabulary like this chart:

Section 22.1 Vocabulary (pp 41 and 43)

1. Nucleons
2. Nuclide
3. Mass Defect
4. Nuclear Binding Energy
5. Band of stability
6. Nuclear shell model
7. Magic numbers
8. Nuclear reaction
9. Transmutation

Section 22.2 Vocabulary (pp 47 and 49)

1. Radioactive decay
2. Nuclear Reaction
3. Radioactive nuclide
4. Alpha particle
5. Beta Particle
6. Positron
7. Electron capture
8. Gamma rays
9. Half-Life
10. Parent Nuclide
11. Decay series
12. Daughter nuclides
13. Artificial transmutation
14. Trans-uranium elements