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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_ | Period: \_\_\_\_\_\_\_ |

Structure of the Atom

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|  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 3 |  |  |  |  |  |  |  | 4 |  |  |  |  |
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|  |  |  |  |  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  | 7 |  |  |
| 8 |  |  |  |  |  |  |  |  |  | 9 |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 10 |
|  |  | 11 |  |  |  |  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 13 |  |  |  |  |  |  | 14 |  | 15 |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 16 |  |  |  |  |  |  |  |  | 17 |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |  | 18 |  |  |  |  |  |  |  |  |
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|  |  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  | 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Across****3.** What does the "A" in "APE" stand for?**5.** Where something is, is it's \_\_\_\_\_\_\_\_**8.** Neutrons Mass**9.** Protons Mass**13.** Subatomic particle with a negative charge**16.** Subatomic particle with a positive charge**17.** What is in between the nucleus and the electron cloud**18.** The nucleus is made up of \_\_\_\_\_ subatomic particles **19.** Electrons mass**20.** The electron is located here | **Down****1.** An electrons charge is \_\_\_\_\_\_\_\_\_\_**2.** What are protons,nuetrons, and electrons**4.** Located in the Middle of an atom**6.** A protons charge is \_\_\_\_\_\_**7.** Proton+Nuetron=\_\_\_\_\_\_\_\_\_\_\_**10.** Whether a subatomic particle is positive, negative, or neutral **11.** A neutrons charge is\_\_\_\_\_\_\_\_**12.** The overall charge of an atom is\_\_\_\_\_\_**14.** Subatomic particle with a neutral charge**15.** What does the "M" in "MAN" stand for? |