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Science Vocab

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| **Across**  **2.**  the basic unit of a chemical element.  **4.** a solid material that is typically hard, shiny, malleable, fusible, and ductile, with good electrical and thermal conductivity  **5.** a part or aspect of something abstract, especially one that is essential or characteristic  **7.** an element whose properties are intermediate between those of metals and solid nonmetals.  **8.**  the system of electrons surrounding the nucleus of an atom  **10.**  the central and most important part of an object, movement, or group, forming the basis for its activity and growth. | **Down**  **1.** an element or substance that is not a metal.  **3.** a stable subatomic particle with a charge of negative electricity, found in all atoms and acting as the primary carrier of electricity in solids.  **6.**  a stable subatomic particle occurring in all atomic nuclei, with a positive electric charge equal in magnitude to that of an electron, but of opposite sign.  **9.** make up (a composite whole); constitute |

   Element       Compound       Metal       Non-metal       Metalloid        Atom       Electron       Nucleus       Electron Cloud       Proton