

1. **atom:** Smallest particle of an element
2. **brittle:** Easily broken
3. **chemical change:** A change in matter that produces one or more new substances
4. **chemical reaction:** A process that changes one set of chemicals into another set of chemicals.
5. **compound:** A substance made up of atoms of two or more different elements joined by chemical bonds
6. **conductors:** Can transmit heat and electricity easily.
7. **element:** A pure substance made of only one kind of atom
8. **heterogeneous:** Not uniform throughout
9. **homogeneous:** Of the same kind
10. **insulator:** A material that doesn't allow heat or electricity to flow through it easily.
11. **lustre:** shiny
12. **malleable:** Capable of being shaped
13. **metalloids:** Elements that share properties of both metals and non-metals.
14. **metals:** Elements that are good conductors of electric current and heat.
15. **mixture:** A combination of two or more substances that are not chemically combined
16. **molecule:** Two or more of the same element held together by chemical bonds.
17. **non - metals:** Elements that are generally gases or dull, brittle solids that are poor conductors of heat and electricity
18. **periodic table:** A chart in which elements having similar chemical and physical properties are grouped together
19. **physical change:** A change that affects the appearance but not the chemical makeup of a substance.
20. **pure substance:** Matter that always has exactly the same composition