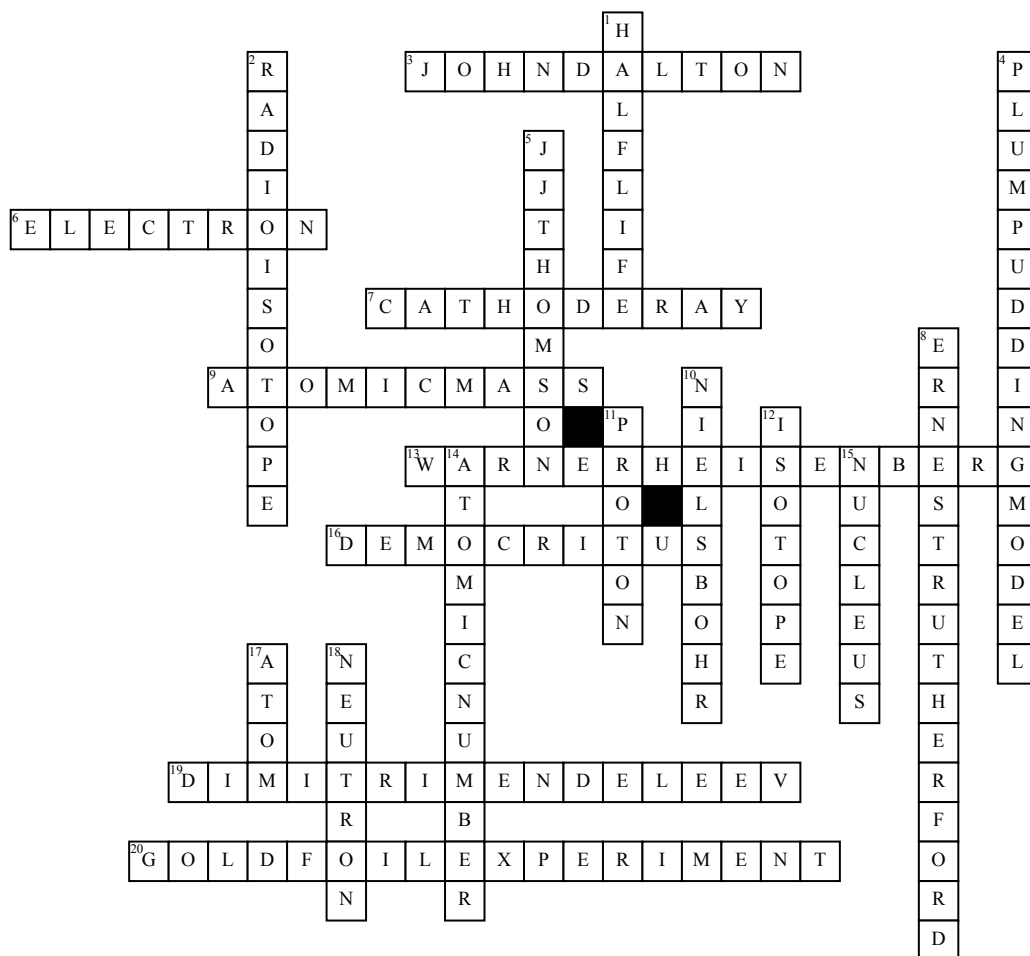


Unit 2 Vocabulary



Across

3. Confirmed that all matter is composed of atoms
6. Negatively charged particle
7. A beam of electrons emitted from the cathode of a high-vacuum tube
9. The mass of an atom
13. Famous for his uncertainty principle
16. Introduced the idea of atoms
19. Created the first periodic table

Down

1. In a certain amount of time the element cuts in half
2. A version of an element that is unstable
4. Model made by J.J. Thomson
5. Discovered the electron
8. Discovered the proton
10. Created the Bohr Model
11. Positively charged particle

12. Elements that have the same number of protons but different number of neutrons

14. Determines the amount of protons and the placement of the element on the periodic table
15. The brain of an atom, holds the protons and neutrons
17. Smallest unit of matter
18. Particle with no charge

Word Bank

Gold foil experiment	Radioisotope	J.J. Thomson	Ernest Rutherford	Plum pudding model
Dimitri Mendeleev	Warner Heisenberg	John Dalton	Nucleus	Atomic Mass
Atom	Proton	Electron	Neutron	Cathode Ray
Atomic Number	Half-Life	Isotope	Niels Bohr	Democritus