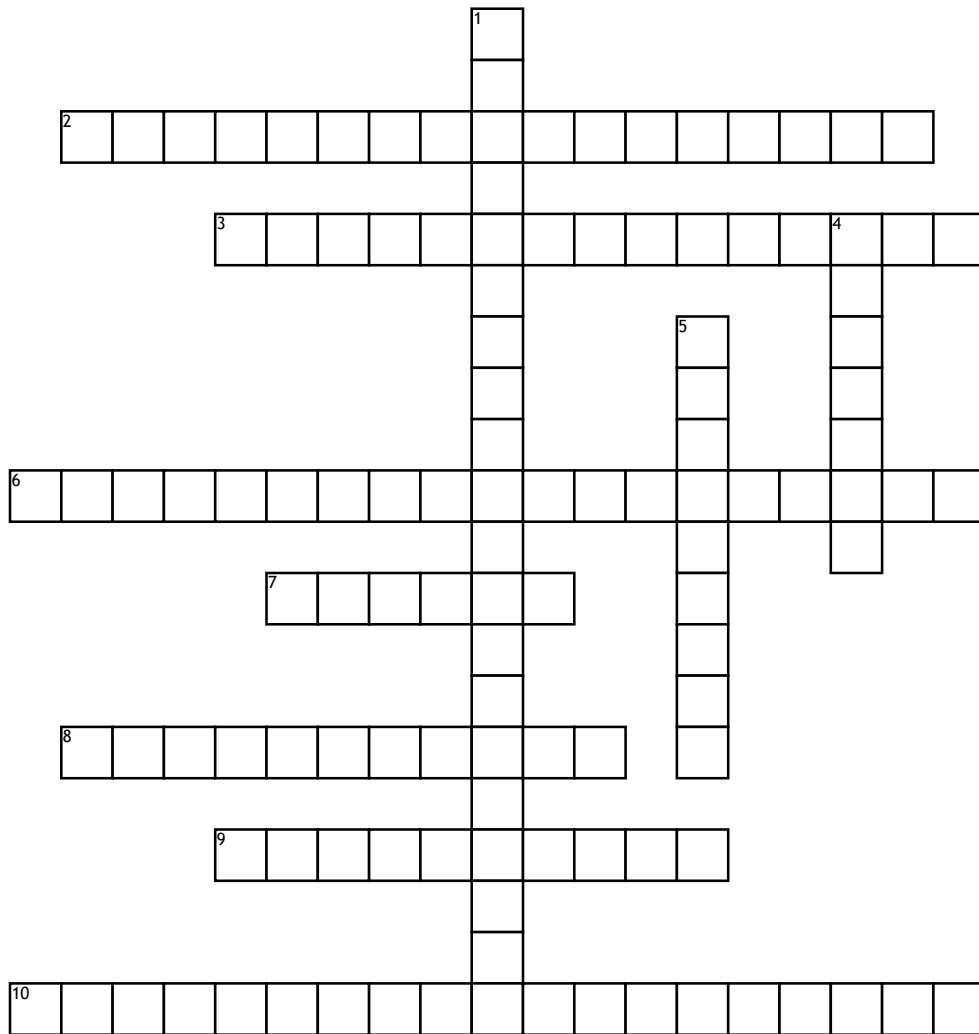


Module 11 Physical Science



Across

- 2. The amount of charge that travels past a fixed point in an electric circuit each second
- 3. The reason there is liquid water on earth
- 6. Charging an object without direct contact between the object and a charge
- 7. A small "package" of light that acts like a particle
- 8. A circuit that does not have a complete connection between the two sides of the power source
- 9. The ability of a material to impede the flow of charge

Word Bank

- Open circuit
- Photon
- Insulator
- Conventional current

- Resistance
- Hydrogen Bonding
- Charging by conduction

- Inertia
- Charging by induction
- Electrical current

- 10. Current that flows from the positive side of the battery to the negative side. Drawn this way in circuit diagrams, even though it is wrong

Down

- 1. Charging an object by allowing it to come into contact with an object that already has an electrical charge
- 4. The tendency of an object to resist changes in its velocity
- 5. A substance that does not conduct electricity very well