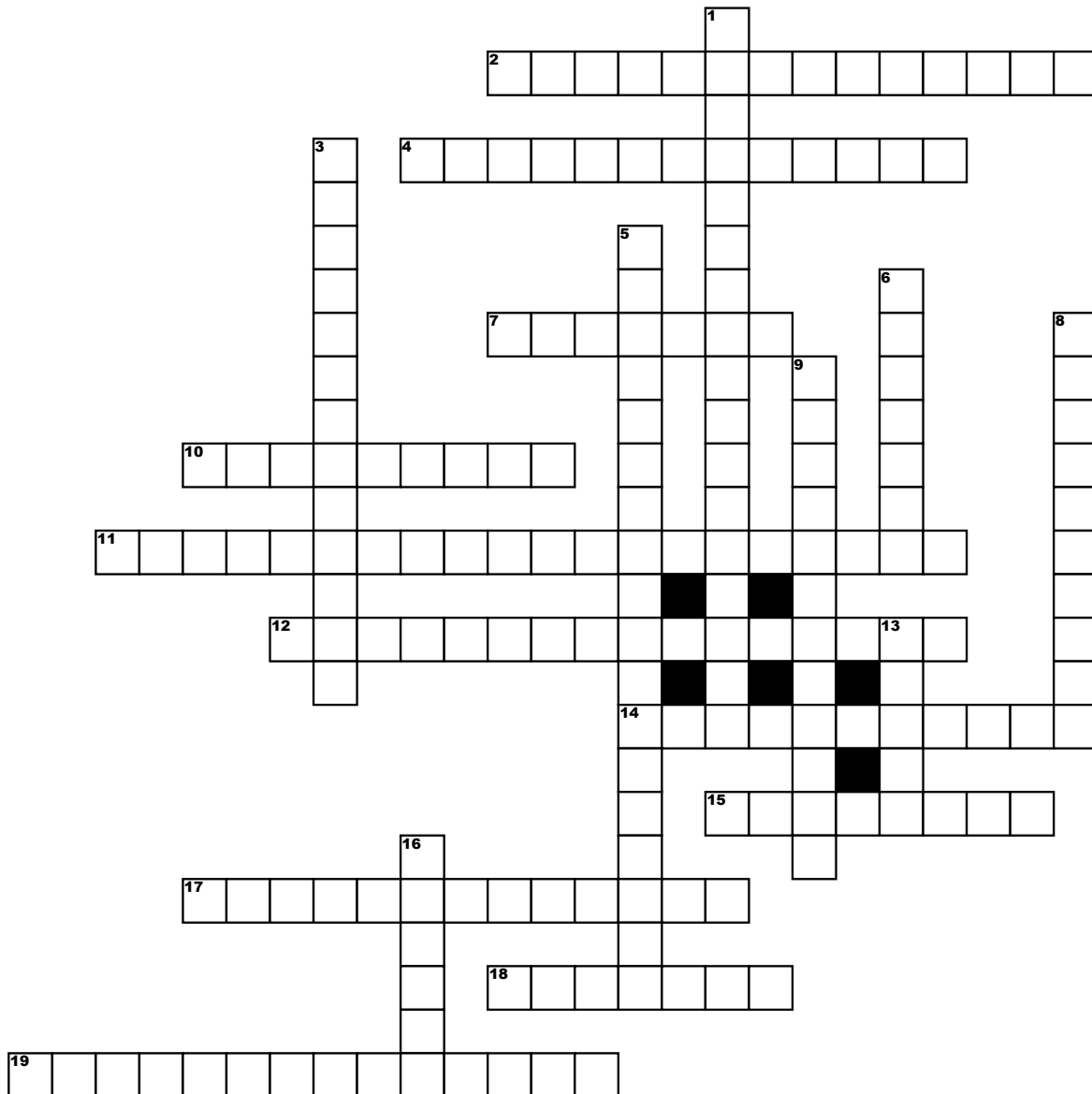


# Sound, Light, and Electricity



## Across

- 2.** is created when a source of energy causes a vibration to travel through a medium(WATER,AIR,SOIL,ETC.)
- 4.** The angle of incidence beyond which rays of light passing through a denser medium to the surface of a less dense medium are no longer refracted but totally reflected
- 7.** A voltaic pile
- 10.** The production of an electric or magnetic state by the proximity(without contact) of an electrified or magnetized body
- 11.** One of the waves that are propagated by simultaneous periodic variations of electric and magnetic field intensity

- 12.** The angle that an incident line or ray makes with a perpendicular to the surface at the point of incidence

- 14.** Possesses at least one surface that curves inwards

- 15.** The range of wavelengths or frequencies over which electromagnetic radiation extends

- 17.** A region around a charged particle or object within which a force would be exerted on other charged particles or objects

- 18.** A particle representing a quantum of light or other electromagnetic radiation

- 19.** Matter that causes it to experience a force when placed on an electromagnetic field

## Down

- 1.** The angle made by a reflected ray with a perpendicular to the reflecting surface

- 3.** An Electric current flowing in one direction only

- 5.** An electric current that reverses its definition many times a second at regular intervals, typically, used in power supplies

- 6.** An electromotive force or potential difference expressed in volts

- 8.** Converging Lens

- 9.** A wave that travels along a surface separating two types of media

- 13.** The highest point of a wave

- 16.** The lowest point of a wave