Experiment

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1 Polarization of Light

- **Light** is a wave composed of oscillating electric $\vec{E}$ and magnetic $\vec{B}$ field vectors. (Electromagnetic waves are transverse waves, meaning the oscillations are perpendicular to the direction of propagation.)
- **Polarization** refers to the direction of oscillations of light waves. Light typically vibrates in multiple directions. However, when light becomes polarized, it oscillates predominatly in a single direction.