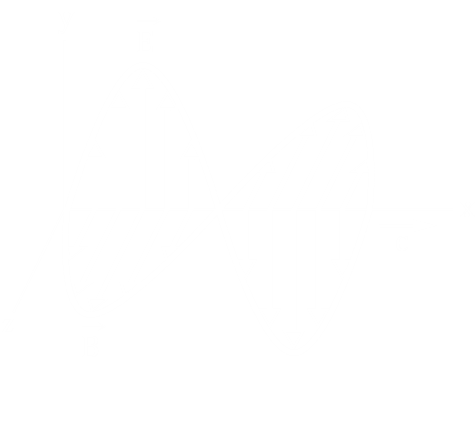
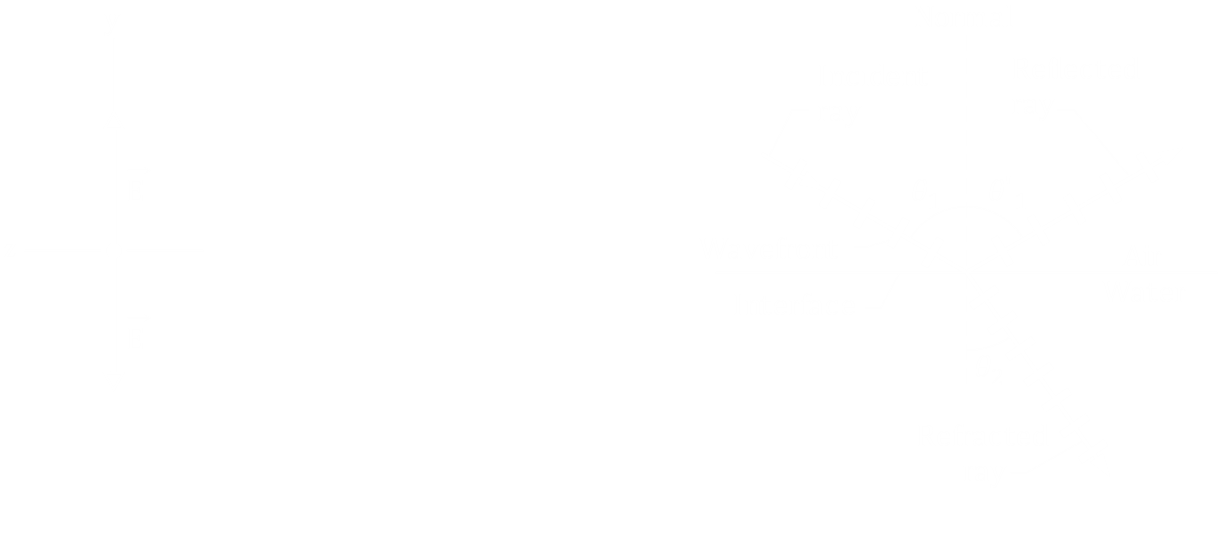
**Polarization**

Light consists of electric () vectors, that travel perpendicular to each other.



Certain materials have the ability to polarize light. This results in only one of the vectors remaining, called the plane polarized vector.



Now, turn the polarizing material so intensity drops to half its initial value.

Turn the polarizing material by .