

Electromagnetic Waves: How Do Sunglasses Work?

TeachEngineering

Experience













Learn about the scientific and mathematical concepts around electromagnetic light properties that enable the engineering of sunglasses for eye protection.

Suggested Learning

Time 1 : 00 Cost 0.00

PreRequisites

Requirements

Skills	Focus	Level	Standard	Points
 Applied Science			NGSS	4
 Observation				1
 Written Communication			CC	1
 Mathematics			CC	1
Total Skill Points				7

Knowledge Gain

Calculate the light intensity when two polarizing films are used. Compare and contrast tinted and polarized glass.

Resource Link

<https://www.teachengineering.org/lessons/view/mis-2231-light-properties-sunglasses-electromagnetic-waves-polarization>