

Product Name :
Physics Lab and Light Waves Kit

Product Code :
NLAB-EDUSCHOOLEQ144001



Description :

Physics Lab and Light Waves Kit

Technical Specification :

This kit includes the below apparatus, 7 Lens, 7 Prisms and more.

Each experiment designed to enhance the instruction of Waves and Light lessons.

Detailed Lab Instructions included.

Includes:-

Optical Bench Complete with Meter Stick and Accessories:- 1 Set

Refraction Tank with Laser - 1 Set

Ripple Tank:- 1 Set

Diffraction Grating - 1 pc

Double Convex Lens 38mm x 10cm - 1 pc

Double Convex Lens 38mm x 15cm - 1 pc

Double Convex Lens 38mm x 20cm - 1 pc

Double Concave Lens 38mm x 10cm - 1 pc

Double Concave Lens 38mm x 15cm - 1 pc

Double Concave Lens 38mm x 20cm - 1 pc

Set of 7 Prisms with 3 LED Light Sources - 1 Set

Labs Covered in this comprehensive kit:-

Lab 1:-

The Propagation of Light through Prisms

Lab 2:-

Index of Refraction of Plastic and Water

Lab 3:-

Critical Angle and Internal Reflection

Lab 4:-

Ripple Tank Diffraction

Lab 5:-

Diffraction and Interference

Lab 6:-

Convex Lenses

Lab 7:-

Concave Lenses

Lab 8:-

Focal Length of a Convex Lens

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