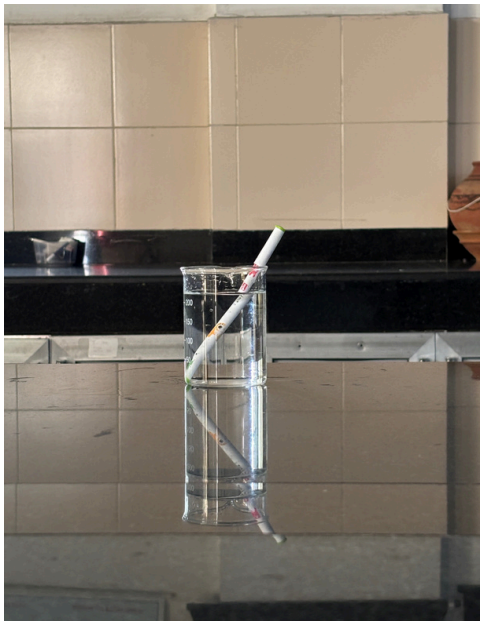
Club project spotlights :

The club projects offered practical learning opportunities on refraction and lenses. Students investigated refraction by creating a water-bending light setup and examined how lenses form images using a simple magnifier model. They also explored real-life applications of refraction through activities like designing a straw-bending illusion chart.



Student Voices : “Learning about refraction and lenses was fascinating. The experiments made the science behind vision feel very real.”

Club Name:
Light Explorers

Motto:
Chasing the spectrum

Manager:
Amardeep Kaur

Project Report and Skill Development

DEEPER DIVE

Amardeep Kaur 09/12/2025

Project Goals: To understand how light bends when it passes through different mediums and how lenses form images.

Process/ Steps:
1.Explored refraction in everyday situations
2.Studied principles of light bending through different mediums
3.Created models demonstrating refraction, such as a water-bending light setup
4.Observed magnification using simple lens tools.

Skills Learned :
1.Creativity
2.Scientific thinking
3.Problem-solving

Challenges and solutions :

Challenge:
Understanding how different materials affect refraction
Solution:
Tested multiple mediums (water, glass, oil) to observe changes in bending of light.

Meet the Team :

Aashna
IX-D

Tanya
VIII-G

Gurleen Kaur Bhangu
VIII-G

Jaskaran Singh
VI-D

Jasleen Saini
VI-G

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