

Aero Innovators



Club project spotlights : The Aero Innovators Club continues to combine creativity with real-world problem solving. This month's spotlight is to research on Water Pollutant Detection Drone



Aero Innovators
Dream It. Build It. Fly It.



Student Voices : "This project showed us how physics can help solve environmental problems."-Jasmeet

"Learning about sensors and drone technology was very interesting."-Brahmjot

Club Name:
Aero Innovators

Motto
Crafting the future of flight technology

Manager
BalwinderKaur

Project Report and Skill Development DEEPER DIVE Balwinder Kaur- 10/05/2026



- Project Goals:**
- To understand how drones can help in detecting water pollution.
 - To research the use of pH and turbidity sensors in water monitoring.
 - To explore the role of physics and technology in environmental protection.

- Process/ Steps:**
- Researched pH and turbidity sensors.
 - Discussed how sensors can be connected to the drone model.
 - Studied basic environmental monitoring systems.

- Skills Learned:**
- Research and analytical skills
 - Teamwork and communication
 - Basic understanding of sensor technology and drone systems
 - Problem-solving and idea development

Challenges and solutions : **Challenge:** Understanding the technical working of sensors.
Solution: Conducted research using educational resources and group discussions.



Meet the Team :



Rashmeet Kaur- 12A



Gurmanat Kaur- 12A



Jasmeet Kaur- 12A



Arham Jain- 12A



Gurpreet Singh- 12A



Brahmjot Singh- 12A

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