



Session: 2025-26

Ref.No.:BPSG/2024-25/EC/0030-A

Circular

Date: 1st August 2025

SCIENCE CLUB EVENT

“Every mystery hides a story, and every clue brings us closer to the truth.”

**Dear Parents & Students,
Greetings!**

Science is not only about learning facts, but also about exploring, investigating, and solving real-life problems. Forensic science, in particular, combines scientific techniques with keen observation to uncover hidden truths. To explore the fascinating world of forensic science, **the Science Club of Birla Public School Ganganagar is organizing a “Crime Lab Challenge” on 13 August, 2025 (Wednesday)** in the Science Lab for students of science club. Students will get an opportunity to work in teams, analyze clues, and solve a mystery using scientific techniques.

Event Details:

- **Event Name:** *Crime Lab Challenge*
- **Date & Day:** 13 August, 2025 , Wednesday

Activities involved:

1. Mystery Powder Identification
2. Invisible Ink Decoding
3. DNA Extraction from Fruits
4. Blood Type Simulation (Fake Blood)
5. Chromatography for Ink Separation
6. Magnifying Glass Mystery Hunt
7. pH Testing to Identify Substances
8. Mystery Smudge
9. Magnetic Clue
10. DNA Extraction from Fruits (Repeat Activity for More Hands-On Participation)

Rubrics for Assessment:

- Accuracy of Observations
- Application of Scientific Methods
- Problem-Solving Skills
- Teamwork and Collaboration
- Presentation of Findings

This thrilling and intellectually stimulating event will inspire students to apply their knowledge in a fun, investigative setting and experience the excitement of being a real-life scientists.

**Best regards,
BPSG**