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MISSION: "TO EDUCATE THE STUDENTS IN A HIGHLY PRODUCTIVE AND SAFE ENVIRONMENT EMBEDDED IN NATIONAL AND INTERNATIONAL VALUES AND SKILLS"

VISION: "INNOVATIVE EDUCATION TO PRODUCE WORLD-CLASS, GLOBAL CITIZENS"

Assalam o Alaikum WW/ Greetings,
Respected Parents/ Dear Students,

July 28, 2026

The Science Department is delighted to announce the **Science Exhibition 2026-27**, an exciting opportunity for students to explore, innovate, and showcase their scientific knowledge and creativity. The exhibition aims to foster scientific thinking, problem-solving skills, and a spirit of inquiry by encouraging students to apply classroom learning to real-life situations through engaging models, experiments, and investigations.

To ensure sufficient time for planning and preparation, students from **all phases** are required to prepare their science projects during the **summer break** and bring their completed projects to school during the **first week after the summer vacation**.

Exhibition Objectives

- Promote creativity, innovation, and scientific curiosity.
- Develop skills in observation, investigation, data collection, analysis, and presentation.
- Strengthen collaboration among students, teachers, and parents.

Instructions

- Prepare the project during the summer break.
- Students must bring their completed project during the **first week after the summer vacation**.
- Projects must be safe, age-appropriate, and scientifically accurate.
- Each project should demonstrate originality, creativity, and clear scientific understanding.
- Every project must include:
 - Title
 - Scientific Question
 - Hypothesis
 - Materials
 - Procedure
 - Observations/Data
 - Conclusion
 - Real-life Application

Phase-wise Activities / Models

Phase 1 (KG1 – KG2)

One model per student along with a simple explanation.

- Mini Water Cycle Model
- Floating & Sinking Activity
- Plant Growth Observation
- Simple Machines Model
- Healthy Food Plate
- Animal Habitat



Phase 2 (Grades 1–4)

One working model per student with a written explanation (5–7 sentences).

- Magnetism Exploration Board
- Water Filtration Model
- Solar Oven Model
- Simple Electric Circuit
- States of Matter Demonstration
- Human Body System Model

Phase 3 (Grades 5–8)

Investigation report with a model and a data table/graph.

- Thermal & Electrical Conductors Investigation
- Hydraulic Lift Model
- Wind Turbine Model
- Density Tower Experiment

Phase 4 (Grades 9–12)

Research-style project including an abstract, hypothesis, methodology, data analysis, conclusion, and real-life application.

- Smart Irrigation System
- Renewable Energy Prototype
- Air Quality Monitoring System
- Bridge Load-Bearing Model
- Water Desalination Prototype

Students are strongly encouraged to use **recycled, reusable, or waste materials** in their projects wherever possible. Outstanding projects will be evaluated by a panel of judges based on creativity, scientific understanding, innovation, presentation, and practical application. **Winners from each phase will be recognized and awarded Certificates of Achievement.**

You may contact any of the following teachers for guidance.

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Best Regard,
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Diversity

Tolerance

Integrity



Innovation

Care

Respect