



IHSB STEM FEST 2026

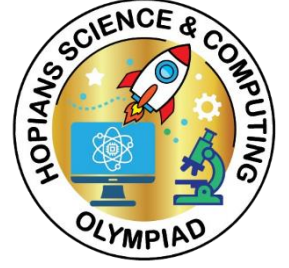
Concern of INTERNATIONAL HOPE SCHOOL BANGLADESH



Dear Sir/Ma'am,

Warm greetings from the IHSB STEM Fest Organizing Team at International Hope School Bangladesh (IHSB)!

In the following document you will find the detailed information about our upcoming Event, the "**Hopians Science & Computing Olympiad.**"



Event Details:

Event Date: 23rd January 2026 (Friday) (Competition Day)
24th January 2026 (Saturday) (Award Ceremony)

Registration Fee: Individual Competition - **BDT 500 ₳**

Registration Deadline: 10th January 2026

Category Details:

The Event has been divided into ONE Categories

- **Junior Category** (Grade: 03 - 05)

Competition Details:

- The **OLYMPIAD** Will Consist of **ONE ROUND**.
- The Use of **CALCULATOR** is **STRICTLY PROHIBITED**.
- The Duration will be 50 Minutes.
- The questions will comprise of Multiple Choice Question (MCQ).
- Negative Markings **WON'T BE APPLIED** in Case of **INCORRECT ANSWERS**.
- Please Note that all the **OLYMPIADS QUESTION** will be **PRESENTED** in **ENGLISH!**
- **Top 05 Students from each Category will be AWARDED!**
(May Vary Depending on Number of Participants)

*** Exclusive Invitation to the Award Ceremony will be extended solely to the TOP ACHIEVERS in recognition of their outstanding Performance. ***



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For any inquiries or queries related to the "**Hopians Science & Computing Olympiad**," we encourage you to reach out to the designated contact points listed below:

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STEM FEST Coordinator

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Our team is committed to assisting you and providing any necessary information or clarification. Your engagement and enthusiasm are integral to the success of the event, and we welcome the opportunity to address any questions you may have.

Thank you for your cooperation, and we eagerly anticipate your active participation in the **Hopians Science & Computing Olympiad**.

Sincerely,

IHSB STEM Fest Organizing Team

Uttara Main Campus

INTERNATIONAL HOPE SCHOOL BANGLADESH



Junior Category Syllabus (Grade: 3 – 5)

Science

1. Forces

- Change in Motion
- Gravitational Force
- Frictional Forces

2. Energy & Energy Changes

- Kinetic Energy
- Potential Energy
- Heat Energy
- Sound Energy
- Renewable Energy

3. Electricity

- Circuits
- Models

4. Solar System

- Rotation of Earth & Moon
- Planets & Planetary Bodies

5. Matter & its Properties

- States of Matter
- Change of State

6. Simple Chemical Reactions

7. Mixture and Solutions

- Elements
- Compounds
- Mixtures
- Basic Separation

8. Air and Water

9. Rocks and Minerals

10. General Health

- Nutrition



- Common Disease
- Prevention

11. General Environmental Issues

- Deforestation
- Managing Natural Resource Pollution
- Water Cycle
- Carbon Cycle

12. Basic Ecology

- Habitat
- Interaction
- Food Chain and Food Web
- Population
- Ecosystem
- Life Cycle

13. Photosynthesis and Respiration

14. Human Anatomy and Functions

Computing

- Basic Mathematical Concepts
- Hardware & Software Fundamentals
- Digital Tools & Productivity Software
- Internet, Networks & Communication
- Programming & Computational Thinking
- Data Handling & Digital Society