

LUMINA

ASMI SCIENCE FAIR 2026–27

SCIENCE • SOCIETY • SPIRITUALITY

1. Introduction

ASMI Science Fair 2026–27 is an academic platform designed to foster scientific curiosity, logical reasoning, creative problem-solving, social awareness, and practical execution among young minds.

Organized under the central vision of “**Science • Society • Spirituality**”, the fair connects academic knowledge with practical application, moral responsibility, and purposeful living.

2. Objectives of the Fair

Sl. No.	Core Domain	Key Objective Description
1	Scientific Inquiry	Develop scientific curiosity, logical thinking, and active experimentation skills.
2	Practical & Project Learning	Promote project-based and experiential learning by connecting concepts with real-world challenges.
3	Innovation & Problem Solving	Encourage students to identify everyday community issues and engineer practical, scalable solutions.
4	Collaboration & Expression	Sharpen communication, articulate presentations, and foster constructive teamwork.
5	Ethical & Sustainable Science	Promote ethical application of technology and instill environmental consciousness.

Sl. No.	Core Domain	Key Objective Description
6	Zero-Cost Innovation	Advocate using low-cost or zero-cost recycled materials while strictly avoiding single-use plastics.
7	National Stage	Offer students a prestigious National Level platform to exhibit their talents and perspectives.

3. Theme Framework & Priority Guidelines

Theme: Science • Society • Spirituality Projects must demonstrate an integrated harmony between scientific inquiry, civic awareness, moral integrity, and community upliftment.	Project Selection Priorities • Directly address authentic, real-life challenges. • Offer measurable benefits to individuals or society. • Demonstrate environmental care and eco-safety. • Connect innovation with human welfare and purpose.
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4. Competition Structure & Prize System

Subjects (5 Areas • 3 Items Each)	Evaluation & Championship Rules
• Science Fair (3 Competition Items) • Mathematics Fair (3 Competition Items) • Social Science Fair (3 Competition Items) • IT Fair (3 Competition Items) • Work Experience Fair (3 Competition Items)	Grade System: Each item will be independently evaluated and awarded: A Grade B Grade C Grade Championship: No individual Subject-wise Championship. Overall Champion: Computed across all 5 Subjects under the approved Overall Championship Point System.

5. General Regulations & Participation Guidelines

Rule Category	Policy & Operational Specifications
Sections / Levels	Conducted separately for Junior (Std. 3 & 4) and Senior (Std. 5, 6 & 7).
School Quota	Maximum 3 participants per Subject , and a strict maximum limit of 10 participants overall per school across all five subjects.
Student Participation	A student can participate in only one item within a Subject.
Gender Specificity	Each item is designated exclusively for Boys only or Girls only . Mixed gender teams are strictly prohibited in the same item.
Registration & Rules	Only pre-registered participants may compete. All deadlines, discipline policies, and ASMI event instructions must be adhered to.
Accompanying Staff	A maximum of 2 escorting staff members is permitted per participating school.

6. Exhibition Area & Project Display

- Each participating school will be allotted a designated exhibition area at the venue.
- The allotted area will be used by the school to display exhibits from the Subjects in which the school is participating.
- Each Subject will have a separate display section within the school's allotted area.
- Exhibits must be arranged neatly and clearly under the respective Subject.
- The school is responsible for the setup, arrangement, labelling and presentation of its exhibits.
- The allotted space must be used efficiently without occupying areas assigned to other schools.
- All models, materials and exhibits must be brought and arranged by the participating school.
- The exhibition area should be maintained in a clean, safe and organised manner throughout the event.

- Judges will visit the respective school exhibition areas for evaluation according to the prescribed criteria.

Subject-Wise Detailed Guidelines

A. Science Fair

Component	Programme Details & Criteria
Focus	Exploration of fundamental scientific concepts, empirical experiments, and innovative applications in everyday life.
Suggested Themes	Scientific Truths in the Holy Qur'an • Environmental Conservation • Agriculture • Water Conservation & Management • Waste Management and Recycling • Energy Conservation • Health and Hygiene • Science in Everyday Life
Competition Format	1. Working Models: Rainwater Harvesting, Water Wheel, Simple Irrigation, Solar Energy, Traffic Signal. 2. Still Models: Solar System, Water Cycle, Parts of a Plant, Human Body, Food Chain. 3. Experiments: Water Filtration, Seed Germination, Floating and Sinking, Air Takes Space, Magnet and Iron, Simple Electric Circuit.
Judging Criteria	Scientific Understanding: 25% Creativity & Originality: 25% Practical Application: 25% Presentation & Clarity: 20% Teamwork & Effort: 5% (Total: 100%)

B. Mathematics Fair

Component	Programme Details & Criteria
Focus	Exploration of mathematical patterns, logic, geometric beauty, and real-world calculation techniques.
Suggested Themes	Numerical Miracles in the Holy Qur'an • Mathematics & Geometry in Nature • Magic Squares & Brain Teasers • Mathematics in Everyday Life • Shapes & Patterns • Number Games • Simple Mathematical Projects
Competition Format	1. Puzzles: Number Puzzles, Sudoku, Magic Squares, Missing Numbers, Matchstick Puzzles. 2. Mathematics Games / Quiz: Number Games, Mental Maths, Shape Matching, Fraction Games, Multiplication Challenges. 3. Still Models: 2D & 3D Shapes, Geometry in Nature, Fractions, Symmetry, Angles, Mathematical Patterns.
Judging Criteria	Conceptual Accuracy: 25% Innovation in Problem Solving: 30% Real-Life Application: 20% Presentation & Clarity: 20% Visual Appeal: 5% (Total: 100%)

C. Social Science Fair

Component	Programme Details & Criteria
Focus	Cultivating insight into human history, societal development, cultural diversity, global geography, and civic systems.
Suggested Themes	Social Reforms • Global Issues • Cultural Heritage • Democracy & Civic Life • Timeline of the Prophets • Ancient Societies Mentioned in the Holy Qur'an • History & Heritage • Social Responsibility
Competition	1. Working Models: Water Management, Irrigation Systems, Traffic Flow

Component	Programme Details & Criteria
Format	Management, Waste Systems. 2. Still Models: Historical Places, Traditional Village Life, Monuments, Timeline of the Prophets, Relief Maps, Landforms. 3. Collections: Numismatics (Old Coins/Notes), Philately (Stamps), Vintage Newspapers, Archival Photographs, Traditional Artifacts.
Judging Criteria	Research & Content: 30% Relevance to Theme: 25% Creativity in Presentation: 20% Data & Visuals: 15% Teamwork & Effort: 10% (Total: 100%)

D. Information Technology (IT) Fair

Component	Programme Details & Criteria
Focus	Empowering digital literacy, ethical technology usage, artificial intelligence principles, and automated smart applications.
Suggested Themes	Digital Society • AI for Good • Cyber Safety • Digital Education • Smart Home & Smart School • Apps to Make Life Easier • Robotics & Automation • Technology for Environmental Protection
Competition Format	1. AI & Digital Working Prototypes: Smart Dustbin, Automatic Street Light, Smart School Model, Digital Attendance System, Simple AI Assistant. 2. Interactive Presentations: Cyber Safety, Digital Citizenship, AI in Daily Life, Technology in Education, Safe Internet Usage. 3. Robotics Expo: Obstacle Avoiding Robot, Line Following Robot, Smart Traffic Signal, Automatic Door System, Simple Rescue Robot.
Judging Criteria	Technical Creativity & Innovation: 25% Digital Relevance to Society: 25% Functionality & Simulation: 20% Presentation & Engagement: 20% Team Coordination: 10% (Total: 100%)

E. Work Experience Fair

Component	Programme Details & Criteria
Focus	Fostering vocational ingenuity, physical craftsmanship, eco-friendly handiwork, and sustainable production.
Suggested Themes	Creative Crafts • Paper & Bead Works • Natural Fibre & Coconut Shell Crafts • Traditional Handicrafts • Best out of Waste • Eco-friendly Products • Embroidery & Stitching • Weaving & Thread Works • Simple Utility Products
Competition Format	1. Create & Craft: Paper Crafts, Bead Work, Thread Patterns, Coconut Shell Crafts, Bamboo/Cane Crafts, Best out of Waste, Origami, Clay Modelling. 2. Nature & Heritage: Coir Works, Coconut Shell Items, Jute Works, Leaf Crafts, Natural Fibre Crafts, Traditional Handicrafts, Eco-friendly Products. 3. Skill & Makers: Candle Making, Soap Making, Embroidery, Badminton Net Knitting, Basic Stitching, Simple Weaving, Fabric Painting, Simple Utility Products.
Judging Criteria	Creativity & Innovation: 20% Skill & Workmanship: 25% Quality & Finishing: 20% Utility & Sustainability: 20% Presentation & Explanation: 15% (Total: 100%)