

2025 MAZINGIRA BORA HACKATHON



JULY 31ST – AUGUST 2ND 2025



STRATHMORE UNIVERSITY

IMAGINE, CREATE, SOLVE



PRIMARY SCHOOL (AGES 4-8)

Automate water purification and energy storage logic using Scratch or other Languages (see guide and rubrics)



JUNIOR SCHOOL (AGES 8-12)

**Develop an interactive lesson on clean energy and water using software tools.
(see guide and rubrics)**



SENIOR SCHOOL (AGES 12-17)

**Use Raspberry Pi or similar to:
Track energy collected, used, and water purified.
Send data to a central database via the mobile network.
(see guide and rubrics)**

WHY STUDENTS SHOULD JOIN?

01 Educational Trips

Get a sponsored trip to experience career-changing workplaces.

02 ElimuTab STEM FEST 2025

Ignite your STEM passion by interacting with the latest in Robotics, AI, IoT, and many others.

03 Global Hackathons

Get a chance to participate and compete in international challenge competitions around the world.

04 Real-World Problems

Foster the development of problem-solving skills through inquiry and discovery.

05 Creativity Boost

Encouraging students to think divergently, imagine, and express themselves through various mediums.

06 Teamwork Skills

The hackathon challenge emphasizes active listening, clear communication, and teamwork to achieve shared goals, essential for success in both professional and social contexts.

07 Hands-On STEM

Prepares students for future STEM careers and real-world challenges.

08 Presentation Skills

Boost confidence, improve academic performance, and increase leadership potential.

09 Win Big!

Feel good about yourself and your achievements by winning. It is a great confidence booster

QUICK REGISTRATION GUIDE



01



Register

02



**Plan it and Fuel
Innovators**

03



Inspire & Present

04



Awards



PARTNER WITH US

