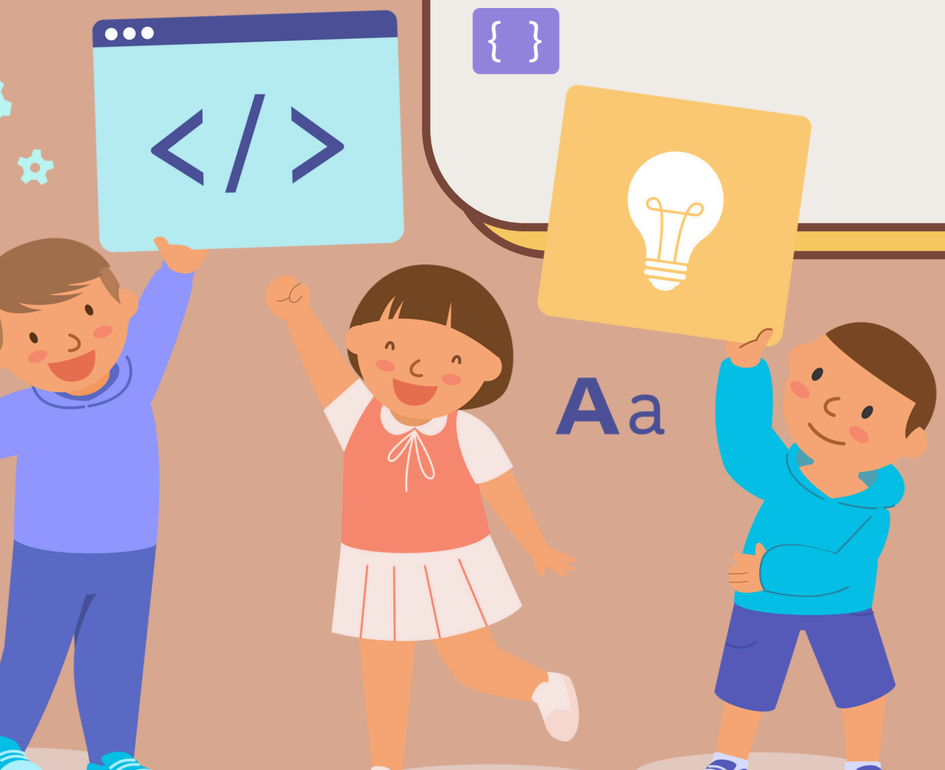
SCIENCEUTSAV
Science is awesome

Robo-thon 2024

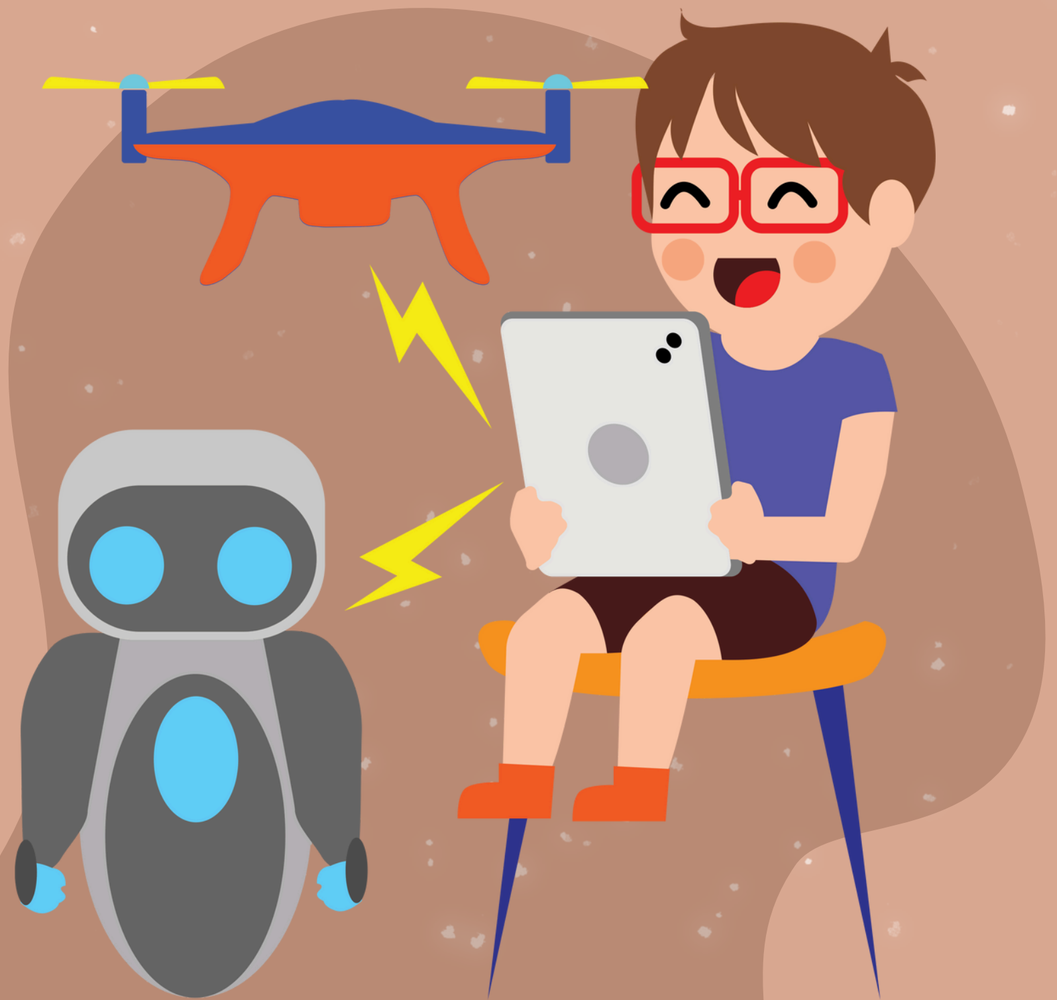
Empowering students as thinkers, problem solvers through engaging activities, insightful talks.



Participation

- Students can participate either individually or in groups of three.
- Questions will be released on January 28th at 12 pm.
- For guidance in problem selection and solution development, students can consult with teachers.
- Choose a theme from the provided options.
- Within the chosen theme, identify a real-world problem statement.
- Present your solution as an Arduino-based model, Blix-based project, or a combination of .

Submission



STUDENTS CAN USE THE PLATFORMS BELOW TO PARTICIPATE :

GRADE 6 TO 9: CANVA, APP INVENTOR, ROBOTICS KIT

SUBMISSIONS TO BE SENT IN THE FORMATS GIVEN BELOW :

- PPT
- PDF

Evaluation Criteria

- Concept and Originality: Assessment based on the students' comprehension of the hackathon theme.
    - Emphasis on the originality and creativity demonstrated in their project idea.
- Problem-Solving Skills: Evaluation of students' capability to identify and address real-world issues using technology.
- Technical Skills: Assessment of technical proficiency, encompassing coding and design abilities.
- Impact: Evaluation based on the potential societal and environmental impact of the project.
- Reusability: Emphasis on writing the project in a manner that allows for future reuse and modification.

Prizes

1st Prize: Rs 1000 + Medal + Certificate + Gift
2nd Prize: Medal + Certificate + Gift

COMPETITION PARTICIPANTS:
PHYSICAL CERTIFICATES DELIVERED TO THE SCHOOL WHO SUBMIT THEIR SOLUTIONS

Agenda - Senior

28TH JAN | 2 PM - 4:00 PM (GRADE 5-9)

a. Guest speakers
c. Quiz & Games
d. Contest details and samples for Hackathon and Thinkathon
e. Prizes every hour

Submission

Follow these steps to create and upload your project

01

Step one
Choose a theme and identify a real world problem related to it

02

Step two
Select a platform (Scratch, Canva, HTML, etc.)

03

Step three
Create the project and upload it to the website for your chosen question(in form of ZIP file or PDF)

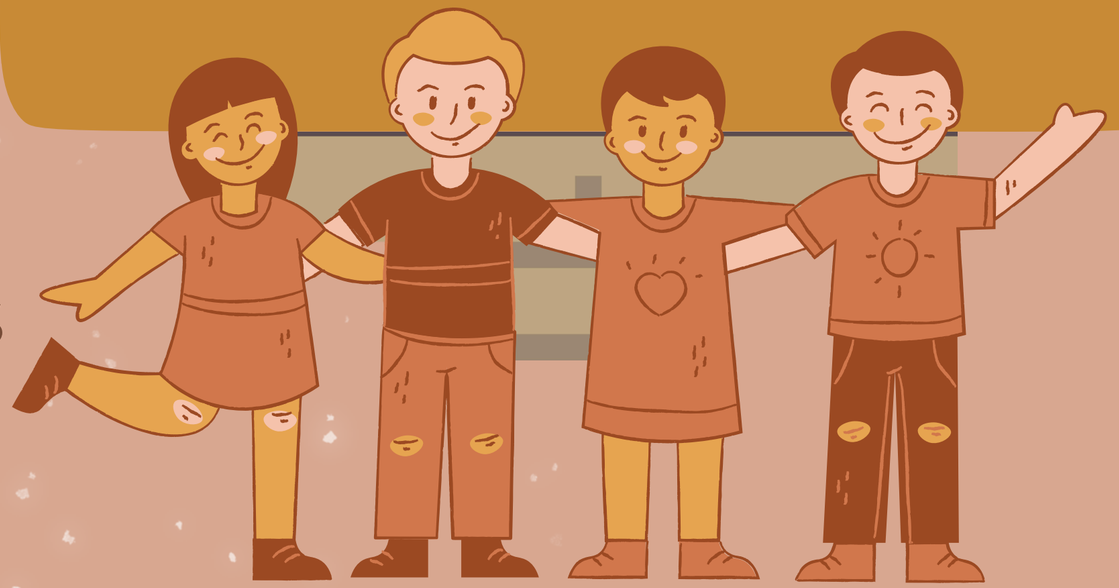
Judging process

- A committee of STEM certified instructors will evaluate the projects following a judging rubric based on 21st century skills.
- For each grade top two projects will be chosen.
- The questions for Hack-a-thon will be live by 12:00 pm on 4th February.
- The results will be announced on 11th February.

Fine Print

- Each participant is allowed only one submission for Robothon
- All entries must refrain from infringing upon any patents, trademarks, or copyrights.
- By submitting their work, participants affirm that all information, including ideas, concepts, graphics, etc., is original and the product of independent thought.
- Entrants automatically commit to complying with all competition rules upon entering.
- All decisions made by the judges are final and binding on all participants, including matters related to entry eligibility.

THANK YOU



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