Vigyan Jyoti STEM Festival

Design. Build. Reflect.

Get STEMPowered

#standoutinthecrowd

SCIENCE UTSAV®
Science is awesome

ScienceUtsav - Online Science Festival

2 day Online Science Edutainment Carnival to motivate children towards science. The Festival is planned to introduce STREAM pedagogy which is an acronym for Science Technology Robotics Engineering Arts and Maths among children to experience the learning with day-to-day observations.

Curriculum-Based STEM Program

Fortnightly Session to encourage children towards Science and Technology through STEM-based pedagogic approach.

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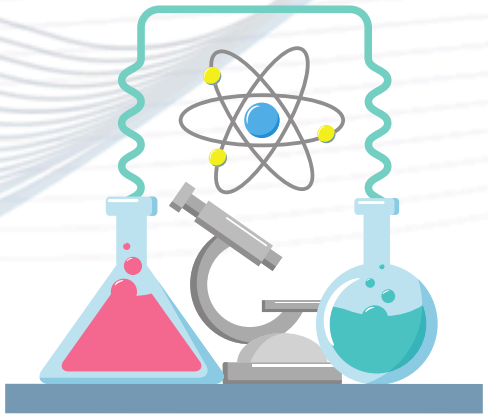

Tentative Schedule

Day 1

Science Show, Talk from a Scientist, Hand-On Tech Workshop, Fun Games and More

Day 2

Fun Science Experiments, STEM Careers, Technology of the future, Online Quiz, Fun Math Workshop etc

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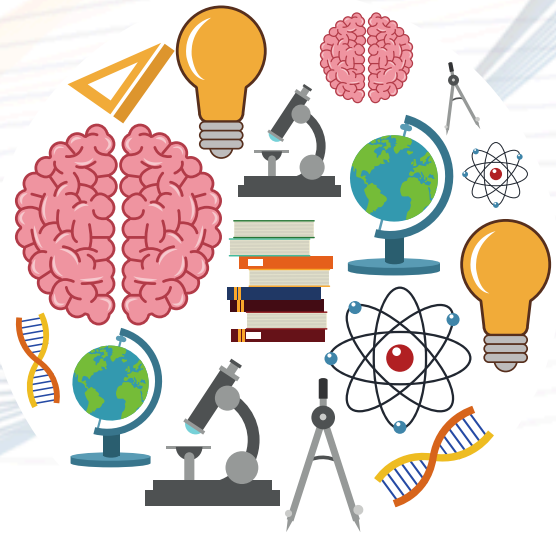
Learning Outcome:

a. Interest in science and its applications in day to day life

b. Introduction to futuristic technologies

c. Enthusiasm to learn Science with ease knowing its power to make our life sophisticated

d. Exposure to STEM Career Opportunities



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Teachers Help

a. Helping children know about the program with a message or EMail communication

b. Encouraging children for their active participation

c. Monitoring their participation and help the execution team with a proper feedback mechanism

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Curriculum-Based STEM Program

C-STEM is a specially designed Online STEM program for Vigyan Jyoti Students to empower them in becoming design thinkers and problem solvers with practical learning approach.

Concepts from each chapter is taught through experiential and practical methods to help them understand the concepts in depth.

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Learning Outcome:

a. Students learn the concepts of every chapter from science textbooks practically with relevant research-based experiments, Hands-on project building, Prototyping approach, Concept maps, Card games, Higher-order thinking worksheets, Discussion, Debates, future-tech videos, Quiz, and Assignments.

b. STEM approach majorly concentrates on WHY and HOW the subject should be taught rather than on WHAT the subject is about. This helps them take the STEM career without any fear towards science and maths.

c. Participants are made to build simple project prototypes with some common household materials

d. Students will participate in the Quiz in the end to fortify the concepts they have learnt.

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a. Helping children know about the program with a message or EMail communication

b. Encouraging children for their active participation

c. Monitoring their participation and help the execution team with a proper feedback mechanism

d. Collaboration with our STEM team with lesson plans and schedules to know monthly lesson plans

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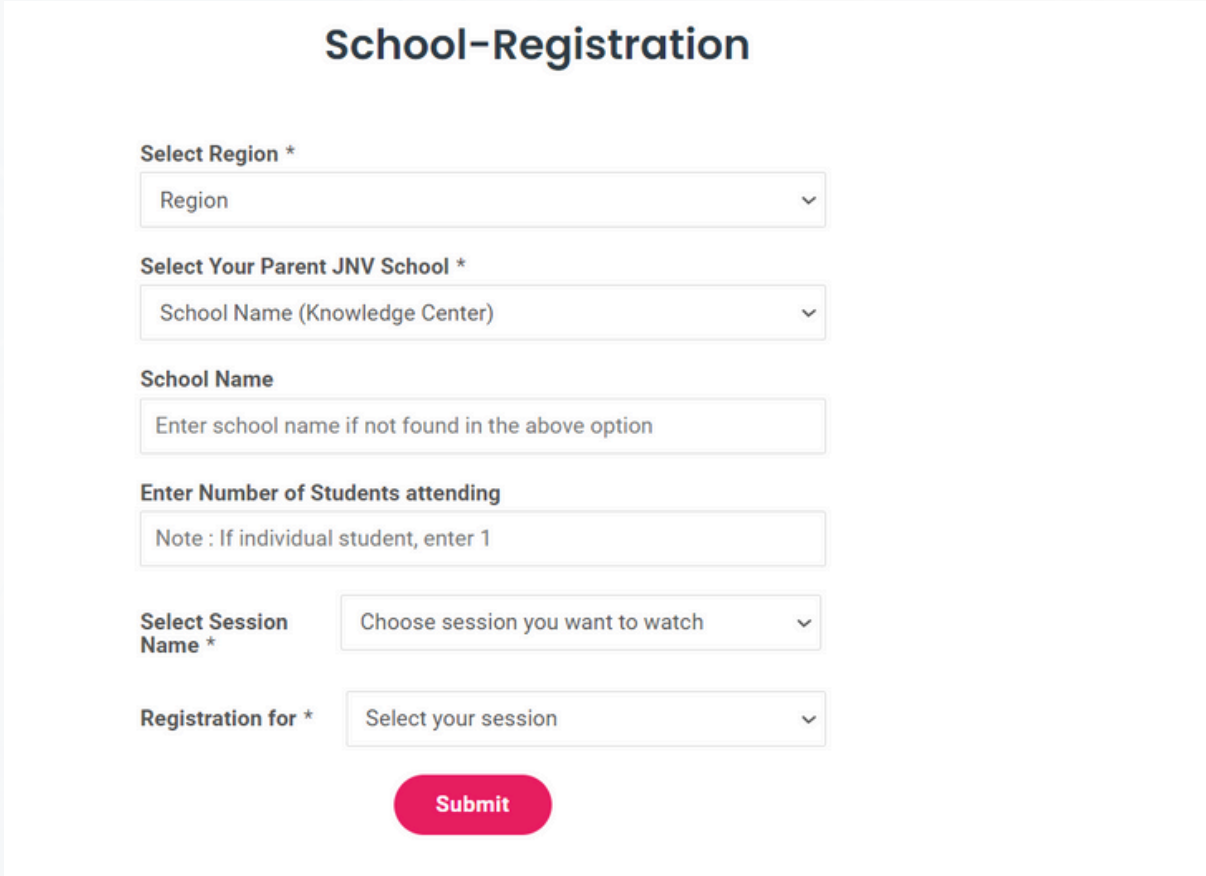
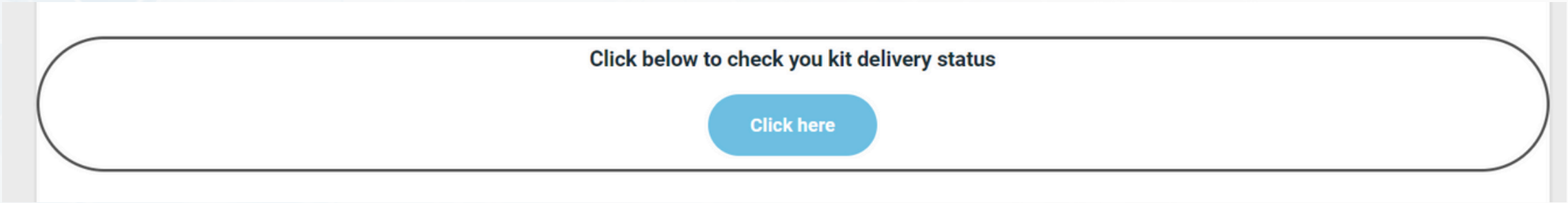
How to access the LMS



How to check delivery status



How to check Student ID for Quiz