

**INN STEM LAB**

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TM

**INN STEM LAB**

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**S**

**T**

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**Science Technology Engineering Mathematics**

# INNOVATION BEGIN AT SCHOOLS



## STEM FOR 21<sup>ST</sup> CENTURY



### STEM

STEM is an acronym for Science, Technology, Engineering and Math.

STEM Education is the interdisciplinary process of teaching that integrates these four disciplines to promote real-world experience, teamwork, and the authentic application of technology which are essential for success.

STEM education integrates concepts that are usually taught as separate subjects in different classes and emphasizes the application of knowledge to real-life situations.

Students can forget just bookish knowledge but hardly forget practical learning in life. By experiential learning through doing various STEM modules, students use their own original minds and become out of the box positive thinkers. By STEM education, students create more interests in books too and they perform better in their regular schools examination. Teachers find it easier to teach Science-Math typical concepts to those students who are making practical STEM models.

### Our Unique STEM programs Specialities

- Introducing Real Life Challenge Based on Hands-on learning
- Practical education which aims to foster inquisitive minds
- Implementing Solutions-oriented STEM modules
- Creating a Stimulating Engaging Classroom Environment
- Brainstorming question based on daily observations



### Why INN STEM LAB ?

Now-a-days, the current generation of students has a lot of pressure when it comes to science and mathematics. Plain textbook knowledge has a theoretical approach. To increase the interest and to incline the students towards applying the theoretical knowledge in practical is a change that is needed. We at Inn STEM LAB, aim at providing Activity Based Learning through our Hands-on skills and Innovation Labs.

We constantly think out of the box and strive to structure environments conducive to making learning a fun experience. Our core focus is to unearth genius in students by providing challenging modules to think and work. The implement process, requirements and prices we work out is very practical and affordable for different kinds of schools.

### Our Quality & Services

#### • One day free workshop

Schools desirous of introducing STEM would have their Senior Science and Math teachers as well as students exposed to one day free workshop. This will enable them to imbibe the exciting new pedagogy and delivery of STEM based learning.

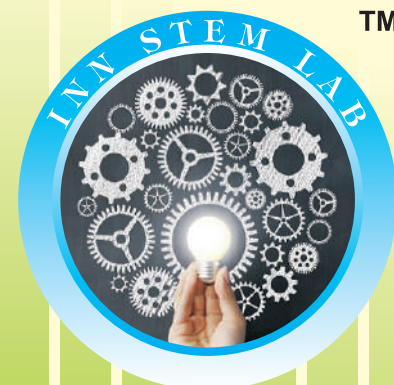
#### • Quality measurement procedure

With carefully crafted Teachers' manual, Student worksheet, Assessments, tool kits etc. STEM content is entirely student-centric. Each child's potential is mapped and cultivated based upon challenge identification and then its solution. Hence every child discovers oneself and excels based upon individual interest and aptitude.

### Our implementation of STEM Education

Inn STEM LAB introduces middle and secondary school students grades 1-10 to science, technology, engineering, and math (STEM) by immersing them in integrated, inter-disciplinary, hands-on project that are based on problems of our present and future life. STEM courses encourage students to invent and be inspired. STEM courses are designed to have students solve real-world problems while being aligned to CBSE/ICSE/IB syllabus- for Grade 3<sup>rd</sup> -10<sup>th</sup> into Math and Science modules. STEM course are knit as part of year long school curriculum so as not to put extra burden on teachers vested with completing prescribed syllabus. They, in fact, help students to way better understand the concepts of Math and Science thus assisting teachers to reach their goals and preparing students to become problem solvers and creative out-of-the-box thinkers to boldly and successfully face and resolve constantly emerging global challenges.

The class size is split into comfortable group sizes and adequate number of modules are pre-loaded onto carts for each class to come to STEM lab and do the learning. The content is constantly updated and maintenance rendered.



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