

Year Long STEM regular Program

For age 5 - 18

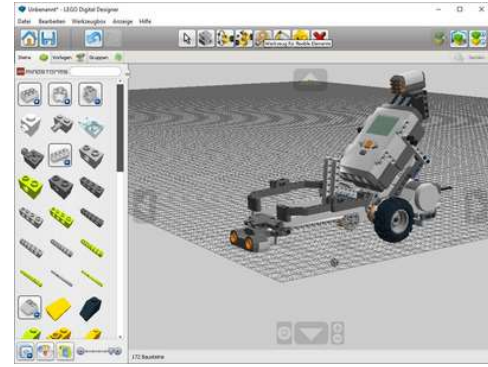


ONLINE



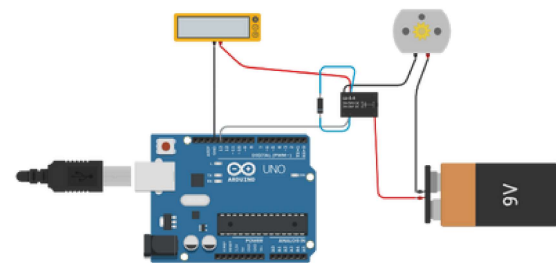
VIRTUAL ROBOTICS FOR 6 - 18 AGE

- Build - Code & Rebuild as its virtual minds on session
- Work with sensors & motors to construct the Robot model
- Use complete design process to solve real world problems
- Learn Math & Science concepts practically, ex: force, speed, time, distance
- Participate in Robotics competition as WRO & FLL



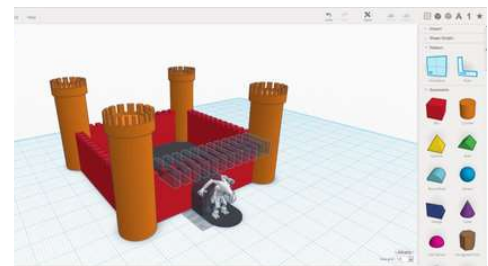
VIRTUAL ELECTRONICS FOR 6 - 18 AGE

- Fundamentals of electrical and electronic components such as Resistor, Wires, LED and basic Sensors.
- Build circuit virtually and code it
- Make projects as smart home, traffic lights, tech farming
- Understand fundamental programming concepts like variables, conditional logic, looping, and functions.
- Work with user input to create fun and interactive digital output.
- Logical thinking



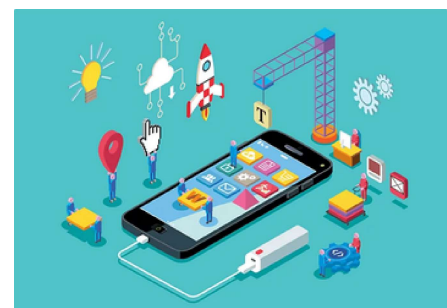
3D DESIGNING FOR 6 - 18 AGE

- Design 3D models and created products
- Translate visual inspiration into successful 3D models.
- Design projects as phone case, tv remote cases, gold ornament's
- Get familiar with concepts as scaling, ratio, length, width, height
- Work with a real virtual 3D Printer at Lab
- Fun with other kids and share there experience's on 3D Printing



APP DEVELOPMENT FOR 6 - 18 AGE

- Students will learn to access and update databases through apps.
- Students learn how to design native utility apps for mobile.
- Students will learn to build knowledge chatbot, sensors which can answer all your questions.
- Safety app for women, ambulance path, farmer's friend, your child is safe are few apps created by STEMx students.



HTML - CSS CODING

FOR 10 - 18 AGE

- Be able to use the HTML programming language, Resolves written HTML codes, Runs the page he/she has designed using HTML codes.
- Be able to make changes on the Site.
- Uses Domain Name and services.
- In this course student will be able to Edit tags, Design static web content work with images, text, and inline style.
- Build beautiful websites with html css code

```
<!DOCTYPE html>
<html>

<head>
  <title>My First Webpage</title>
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" type="text/css" href="style.css">
</head>

<body>

  <div class="container">

    <h1>Heading 1</h1>

  </div>

</body>

</html>
```

JAVA SCRIPT CODING

FOR 10 - 18 AGE

- To get into Javascript kids should learn HTML / CSS. "Basically: HTML + CSS + JS = Website"
- Students will start by completing coding challenges to strengthen your understanding of new concepts.
- Next, you'll explore game programming with Processing, learning about 2D movement and collisions, then you'll code apps with user input and feedback at their core.
- As you progress, children realize they don't need to wait until after middle school / high school to get a college education.



PYTHON CODING

FOR 10 - 18 AGE

- Build basic programs using fundamental programming constructs like variables, conditional logic, looping, and functions.
- Work with user input to create fun and interactive animated output.
- Python is used as a coding language to build everything from exciting arcade-style games to advanced machine learning algorithms and models.
- This language has a clear syntax that makes it quicker to write and debug, so whether you're starting out, or learning advanced algorithms, you can progress quickly.



ONLINE WITH ROBOTICS KIT



FOR 6 - 18 AGE

6 MONTHS

25,000 INR

FREE KIT

- You will receive a STEM Kit at you home
- You will receive login id & password for curriculum & content
- You can do live 1:1 or group sessions with live mentor
- Work on real time projects on topics such as Robotics, Coding, Electronics, Automation
- 1 class in a week



About STEMx India

STEMx India is one of the first to introduce cutting edge technology in education and training since 2020. Two years back we introduced LEGO Education's hands-on Robotics, Coding and early concepts of STEM.

Our **offline STEMx Studio's** in Bangalore, India are spread across to Whitefield and Indiranagar

Today our **online STEM program** has no limit to regions, as we have students from India, Dubai, USA, Singapore, England, Nepal, Canada and Japan.

Our list of **Schools** in Bangalore for STEM Program:

- Valistus International School
- Whitefield global school
- Basil wood international school - group of schools
- The cambridge international school - Harlur
- The cambridge international school - Whitefield
- Brooklyn National Public School - group of schools
- Excellent English School
- Colors Learning center - for Autism
- JSS Government school - Malur, Kolar (ATL Lab)

For more than 7+ Years Founder of STEMx have been working with parents, teachers, schools and governments to deliver playful learning experiences that bring STEM subjects like Robotics, Coding, 3D Printing, Electronics & Drones to life for the students and make learning fun and impactful.

STEMx - Social Media

Website: <https://stemxindia.com/>

LinkedIn: <https://www.linkedin.com/company/72151231/admin/>

Facebook: <https://www.facebook.com/STEMx-102767185262199/>

Instagram: https://www.instagram.com/stemx_india/

YouTube: <https://www.youtube.com/channel/UCPJNppiDxs3QrRly2PGR62g/videos>