

Where Dreams

Come to  **Real Life**



TinkerCAD 3D Design

Discover **Create** Robotify!

Grades 1-5

Live 1:1 or 1:2 Online | Offline classes
Personalised curriculum | Monthly Fee structure



Welcome to Roboticschools

Program Overview



Children have an innate love for all things joyful and fun. Our mission is to unleash their full potential through a wide range of interactive and multidisciplinary programs.

At Roboticschools, we've redefined learning by making it a delightful and playful experience. We encourage children to explore their passions and uncover their hidden talents. Our curriculum takes a playful approach to cover a wide spectrum of subjects, from coding and design thinking to cutting-edge technologies like AR, VR, Robotics, IoT, and the ever-evolving domains of artificial intelligence and machine learning.

A Roboticschools student embarks on a journey of self-discovery and skill development, reaching their maximum potential through our meticulously crafted programs. These skills complement their regular school curriculum, leading to improved academic performance.

Our methodology is designed to help students grasp complex concepts in science and mathematics through coding, visualizations, and animations. We offer a unique curriculum that instills new-age skills in children, preparing them for success and the ability to tackle any challenge that comes their way. As they learn with us, their relationship with technology shifts from that of a consumer to that of a creator.

Join Roboticschools and let your child's learning journey be a joyous adventure in discovery and creativity."

About Curriculum

At Roboticschools, our curriculum is meticulously crafted to unlock the genius within your child. We offer a comprehensive technology program for kids, spanning from laying a strong foundation in coding to fostering scientific exploration, nurturing design thinking skills, and delving into the world of robotics. What sets us apart is our commitment to providing specialized expertise across various technology domains, making us the premier choice for holistic tech education.



Hands-On Learning

Creativity
and Problem-Solving



Progressive Skill Building

Fun engagement



Advanced technology



Tinkercad 3D Design



- Tinkercad turns 3D design into a fun experience with its user-friendly virtual environment.
- Kids easily learn the basics of 3D design through Tinkercad's intuitive drag-and-drop interface.
- Tinkercad sparks creativity, letting kids experiment and turn their ideas into cool 3D models and simulations.



22 Classes



15 Projects



28 Concepts



1: Design a **Name Key chain**

Objective: Create a personalized keychain with a chosen name or initials.

Learning Outcomes: Graphic design skills, understanding typography, and producing a tangible product.

2: Design Logos

Objective: Create unique logos for both Windows & Mac operating systems.



Learning Outcomes: Logo design principles, vector graphics, and brand representation.

3: Design a **Rubics Cube**

Objective: Develop a digital or physical representation of a Rubik's Cube.



Learning Outcomes: 3D modeling, color coordination, and spatial visualization.

4: **Dual letter** Illusion

Objective: Create a visual illusion using two letters.



Learning Outcomes: Typography design, optical illusions, and creative use of negative space.

5: Design a **Snowman**

Objective: Craft a unique & creative snowman design.



Learning Outcomes: Snowman design creativity, use of materials, and spatial arrangement.



6: Design a Halloween Pumpkin

Objective: Craft a Halloween-themed pumpkin design.

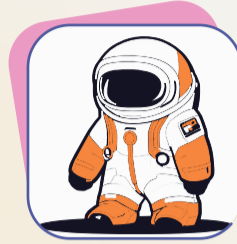
Learning Outcomes: Pumpkin carving or digital illustration skills, creativity in holiday-themed design.

7: Design a House

Objective: Build a 3D model of a house using Tinkercad.



Learning Outcomes: Intro to 3D modeling, spatial reasoning, and digital design tools.



8: Design an Among US

Objective: Design a unique character inspired by Among Us.

Learning Outcomes: Character design, color coordination, and digital illustration skills.

9: Design a Rocket

Objective: Create a visually appealing design for Apollo rocket.



Learning Outcomes: Rocket design principles, and historical spacecraft representation.



10: Design a F1 car

Objective: Craft a dynamic and aerodynamic design for an F1 racing car.

Learning Outcomes: Vehicle design, aerodynamics understanding.



11: Design a Mars Rover

Objective: Develop a design concept for a Mars rover.

Learning Outcomes: Rover design principles, consideration of Martian terrain, and creativity in space exploration.

12: Star Wars Ship

Objective: Create a unique spacecraft design inspired by Star Wars.



Learning Outcomes: Sci-fi design, and creativity in space vehicle concepts.



13: SimLab Spiral Domino Run

Objective: Simulate a dynamic domino run with a spiral pattern.

Learning Outcomes: Physics simulation, understanding of domino effects, & digital simulation.

14: SimLab Hourglass

Objective: Simulate the behavior of an hourglass with virtual sand.



Learning Outcomes: Physics simulation, understanding of gravity & particle dynamics.



15: SimLab Tinker Bowling

Objective: Simulate a virtual bowling experience using TinkerCAD.

Learning Outcomes: Digital simulation, game design principles, and virtual physics.



Register Now



**ROBOTIC
SCHOOLS**

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