



ROBOTICS FOR KIDS: INTRODUCTION TO 3D PRINTING IN ROBOTICS



PROGRAM OVERVIEW

Discover the fascinating world of 3D printing in our introductory workshop designed to provide participants with the essential knowledge and skills to get started with 3D printing.

PROGRAM HIGHLIGHTS

- Learn the basic principles of 3D printing technology
- Explore different types of 3D printers and materials
- Gain hands-on experience with 3D modeling software
- Create and customize your own 3D designs
- Bring your designs to life with our state-of-the-art 3D printers

PROGRAM DETAILS

- **Duration:** 4-week workshop
- **Schedule:** 2 Days a week, 2.5 hours per day
- **Age Group:** for ages 12-16
- **Prerequisites:** No prior experience with 3D printing required
- **Location:** eCode Learning Center
- **Format:** Interactive sessions combining instruction, hands-on activities, and project-based learning

PROGRAM OBJECTIVES

- Introduce participants to the basic concepts and technologies behind 3D printing
- Familiarize participants with common 3D modeling software tools and techniques
- Enable participants to create and customize their own 3D designs
- Provide hands-on experience with operating 3D printers and troubleshooting common issues
- Inspire creativity and innovation through exploration of 3D printing possibilities