ENVISION ROBOTICS

Summer 2026

Program Guide

Ages 9 - 13 years

info@envisionrobotics.com

647-502-6319

STEM Science, Technology Engineering, Math

Ready. Set. Summer Camp!

Cool off on hot days!

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Platforms you don't get at other camps

Summer Camps 2026
Kids 9 - 13 Yrs

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And YES there is a Splash Pad!

Camp FAQs

Pick-Up / Drop-Off

We welcome campers between 8:55 - 9:00 am with afternoon pick-up between 3:45 - 4:00 pm, unless extended care is optioned.

Snacks and Lunch

Campers should bring a morning and afternoon snack, lunch, and refillable water bottle. Please ensure nut-fee.

Will my child build the same robots as last year?

No. We've created NEW LEGO robot builds and STEM themed activities for the kids.

Do I need to register multiple weeks?

While we appreciate parents/campers that register for multiple weeks there is no requirement. Each week is a discrete program and unique experience. We do offer discounts for parents that register for more than 1 week.

Do we go outside?

Our location features a nearby park with many amenities including basketball courts, picnic tables, several play areas, and a large splash pad. We have soccer balls and basketballs for the students to use.

Each day we spend up to 90 minutes outdoors at the local park. Lunch is 30 minutes and students get 60 minutes outside playing at the park.

Multiple Camp & Sibling Credits

Parents booking 1 child for multiple camps will get the same benefit as parents booking a sibling - which is 10%, off every second camp. Refer to the website for a more detailed explanation.

Earn Referral Credits

Take advantage of our very generous referral program. Parents that refer another parent that is new to us are rewarded with a 10% Referral Credit.

Referral Credits are calculated based on your friends first program/camp fee with us (i.e., $450 camp fee = $45 referral credit). No limit on the number of referrals. Organize a group of friends to attend and gain credits towards our programs.

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Kids 9 - 13 Yrs

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DATES & THEMES

Striving annually to offer the GTA's top camps! Our unique STEM programs are conducted in a safe, fun, and dynamic learning environment. Every week, we feature two distinct camp themes for ages 9-13, with only about 8 spots available per theme. Book early to guarantee your spot—our camps sell out every year!"

Our senior camps feature project-based learning through role-play and scenario-based challenges, fostering teamwork with fellow campers. Each camp is multidisciplinary, blending diverse fields for a comprehensive, hands-on learning experience.

IIf you joined our camps last year, you're in for a treat! We've introduced brand new robot designs and fresh STEM activities this year.

Robotics Camps

By attending our robotics camps, your child will gain hands-on experience with cutting-edge platforms and technologies that other GTA camps simply don't offer.

FLL Robotics Camp	**July 20 - 24** **Aug 10 - 14**
RoboMaster:	**June 29 - 30 (2-days)** **July 27 - 31** **Aug 17 - 21**
UGOT:	**July 2 - 3 (2-day)** **Aug 4 - 7 (4 day)**
BattleBot	**July 13 - 17**

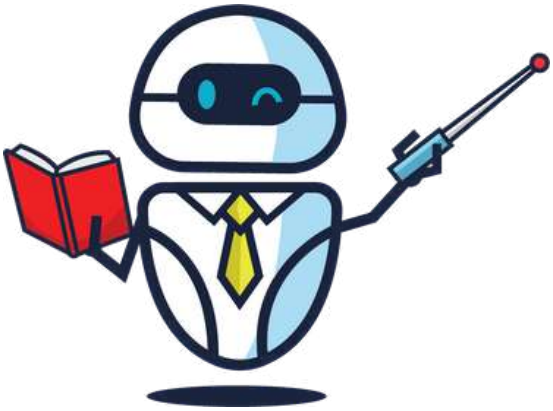
Budding Genius Camps

Our Budding Genius camps are designed to introduce students to new technologies and platforms. This year we've introduced many new options.

JumpStart AI	**Aug 24 - 28**
Python:	**June 29 - 30 (2-days)** **July 20 - 24**
YouTube	**Aug 10 - 14**
Superhero: Mini-Me	**July 6 - 10** **Aug 17 - 21**
Drone:	**July 6 - 10** **Aug 24 - 28**
Flowlab	**July 13 - 17**
Roblox Studio	**July 27 - 31** **Aug 4 - 7 (4-days)**
Blender 3D Modelling / Printing	**July 2 - 3 (2-days)**

Discount / Credit Policy

New for 2026



In September 2025 we introduced a new credit/discount code policy to make our programs more accessible and rewarding for all families.

Whether you're registering one child in multiple programs or multiple children, you'll receive 10% off every additional program after the first.

This will result in substantial savings for all families.

Conditions:

- **The discounts are applied to the lower-priced camps**
- **To qualify, all programs must be registered in the same transaction.**
- **All credit codes are pre-tax**
- **Credit codes are not eligible for Extended Care, material fees, or FLL Competition programs/fees**
- **Envision Robotics reserves the right to adjust or reverse any discounts applied in error or through misuse of credit codes.**
- **Multiple credit codes can be used in the checkout including multiple program codes, referral reward codes, and review codes.**

Summer Camp pricing is listed on our Summer Camp Registration page.

If you have questions about our discounts or how to apply these to your registration please reach out for support at info@envisionrobotics.com or 647-502-6319

Summer Camps 2026
Kids 9 - 13 Yrs

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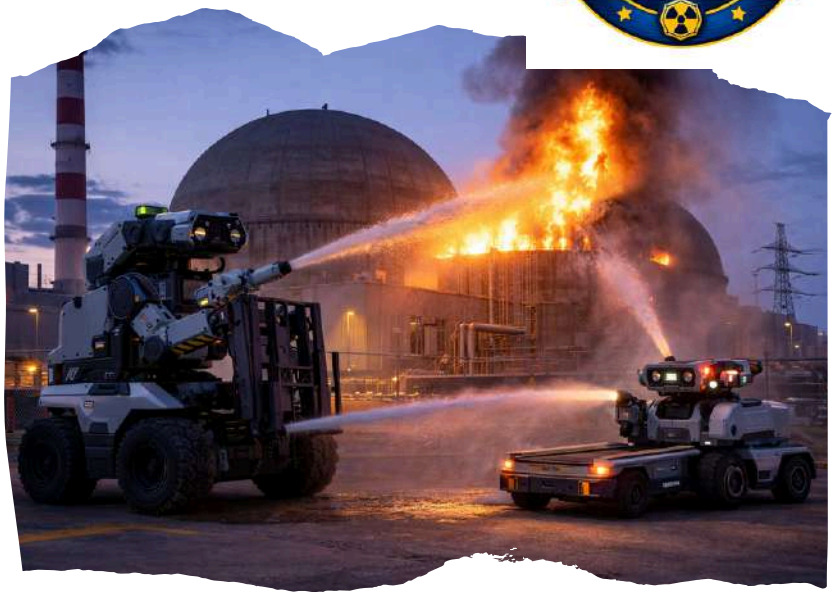
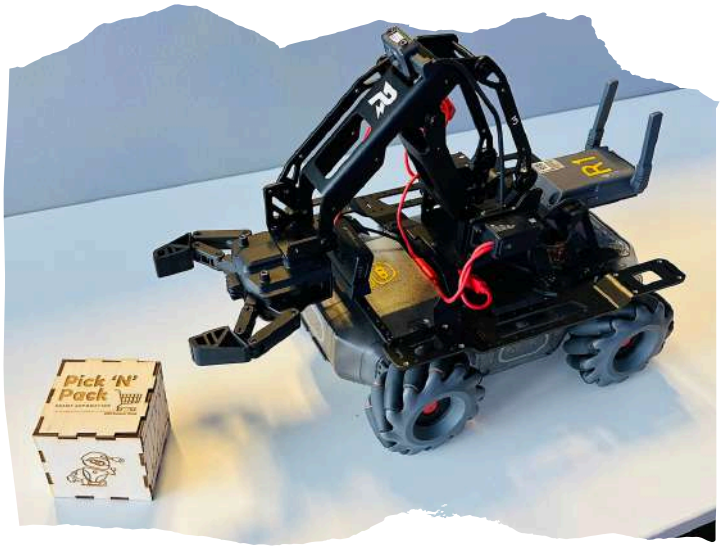
RoboMaster: The Reactor Defense League

June 29 - 30 (2-day), July 27 - 31, Aug 17 - 21

Code the Bots. Protect the Core. Save the Day.

Think you have what it takes? Join The Reactor Defense League, an elite robotics team trained to respond to high-risk fire emergencies at nuclear power facilities. A dangerous blaze has broken out at the Atomica Nuclear Plant, and it's up to your team to design, build, and code robotic vehicles to race into action and protect the reactor core. Through fast-paced, hands-on challenges, campers develop coding skills, engineering strategies, and teamwork as they step into the role of real-world robotics heroes.





Students will design and laser cut their own wooden box

This hands-on camp is perfect for young tech enthusiasts eager to experience the thrill of robotics and automation in a dynamic, real-world simulation.

Features

- RoboMaster Robots
- Laser Cutting
- 3D Printing (Multi-Colour)
- Measurement & Design
- Graphic Design
- Team Competition
- Role Play / Scenario
- Advanced AI

We use the RoboMaster EP Core and S1 Robots which are two of the most advanced Educational robots available.

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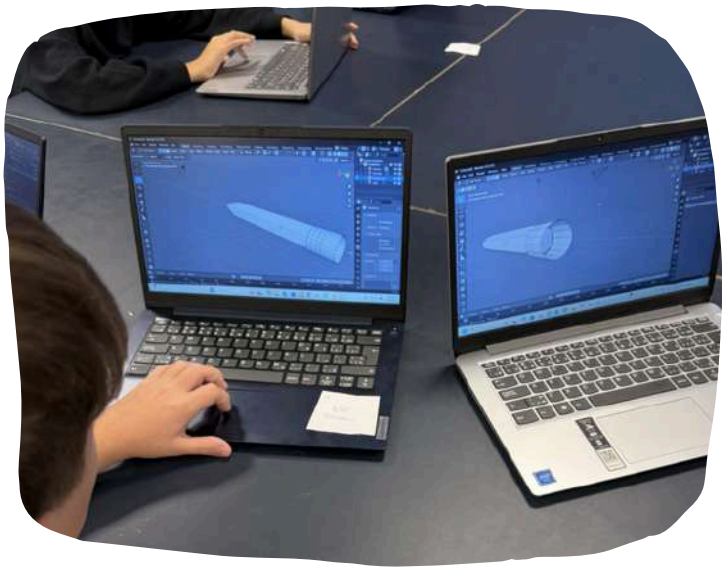
Blender 3D Modelling / 3D Printing

July 2 - 3rd (2-day)

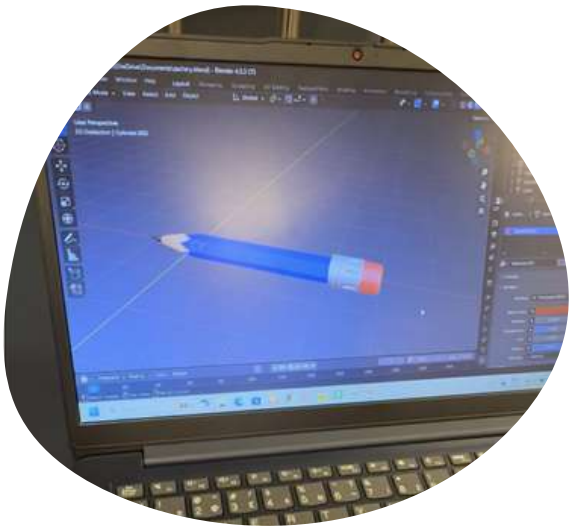
Your First Step into the Creative World of Blender 3D Design!

Blender is a professional 3D creation tool used in leading studios to design models, animations, and visual effects for games, films, engineering, and digital media industries.

BLENDER



- **In this Intro to Blender camp, students will explore the fundamentals of 3D design by learning how to navigate Blender, work with vertices, edges, and surfaces, use loop cuts, extrude regions, apply bevels, add colour, and more—building confidence and creativity in 3D modeling.**



- **Students will also 3D print their Blender creations using our state-of-the-art 3D printers.**

- **This program is an excellent springboard to additional camps and programs with more complex Blender functionality**

Features

- Engineering Design Process
- Advanced 3D Design & Modeling
- Measurement & Design
- 3D Printing

Superhero: Mini-Me • July 6 - 10, Aug 17 - 21

What if you could create a miniature version of yourself?

What type of superhero would you be? 12 months ago this camp was not possible! We are able to run this camp because of of the technology and 16+ start of the art 3D printers.
Students attending this camp will use a variety of artificial intelligence tools, 3d modelling, and 3D printing applications to transform themselves into superheros with imaginable powers!

During the week campers will also learn Blender, a powerful 3D modelling software used extensively in industry.

SUPERHERO MINI-ME

BLENDER

Advances in Artificial Intelligence made this camp possible this year!

This camp will features artificial intelligence fundamentals in image generation

Students will learn the fundamentals of Blender 3D and learn to render animation sequences.

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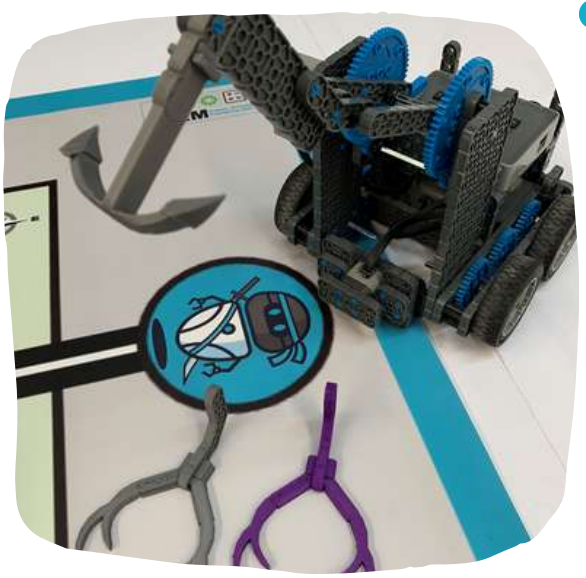
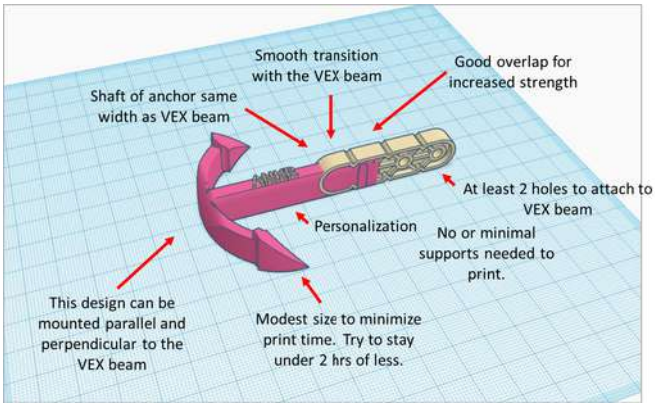
BattleBot Brawlers SR

July 13 - 17

Get ready for an action-packed week of engineering, coding, and competition in our BattleBot Camp!



- **Campers take their base robots to the next level by 3D designing & 3D printing their own battle components!**



- **Throughout the week, they'll test, refine, and improve their robots strategizing new ways outmaneuver and outlast their opponents**

- **This camp is high-energy, creative and packed with learning and fun!**

Features

- Robotics & Coding
- 3D Printing
- Measurement & Design
- Role Play / Scenario
- Team Competition

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UGOT: Amethyst Hunters

July 2 - 3rd (2-day), Aug 4 - 7 (4-day)

Hunt the Crystal. Master the Mission. Power the World!

Amethyst is a powerful crystal used in advanced electronics, and with the world's growing demand for AI technology, a newly discovered amethyst vein could change microchip design forever.

Campers join an elite team known as The Amethyst Hunters, tasked with designing and coding robotic vehicles to extract and transport precious crystals from deep underground. Through hands-on challenges, students learn engineering, problem-solving, and teamwork while powering the future of technology.

Camper will explore the AI capabilities of our UGOT robot platform using autonomous navigation, computer vision to recognize gestures, QR codes, and symbols.

UGOT Platform

Engineering Vehicle

Self-Balancing

Big Dog

Transforming Car

Spider

Features

Robotics & Coding

Advanced AI

Laser Cutting

3D Printing (2-Colour)

Team Competition

Measurement & Design

Graphic Design

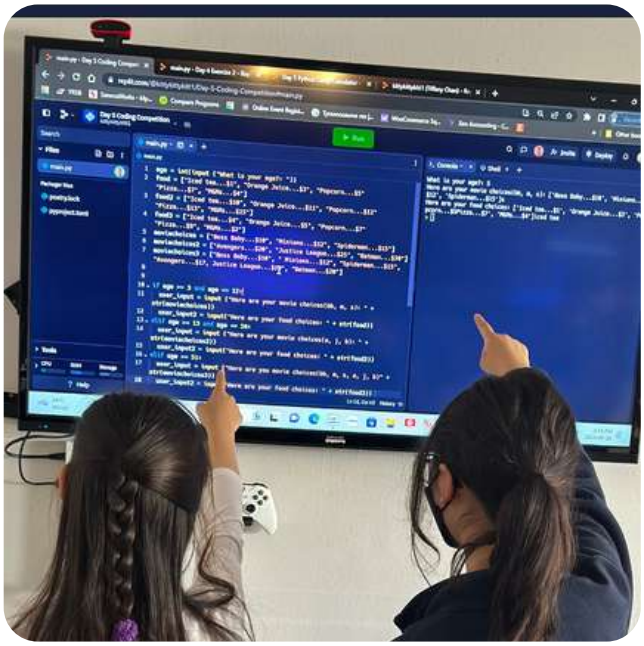
The UGOT Platform is One of the Most Advanced Educational Robotics in the Market Today!

Introduction to Python

June 29 - 30 (2-day), July 20 - 24

Code Your Future: Discover Python Programming This Summer!

- **Python Programming Essentials: Campers will learn the fundamentals of coding with Python, covering everything from basic scripts, error handling, and comments to data types, variable assignments, manipulations, conversions, conditionals (if/else), and beyond.**
- **Hands-On Projects: Throughout the week, campers will apply their new skills by creating a variety of engaging and fun coding projects, reinforcing their learning through practical application.**
- **Beyond Coding: The camp experience is enriched with creative tech activities, where campers will design, 3D print, and personalize their own door hangers, blending coding skills with artistic expression.**



Features

Python Coding | 3D Printing (Multi-Colour) | Laser Cutting | Graphic Design

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Drone: Splat!

July 6 - 10, Aug 24 - 28

Engineer the Drop. Hit the Spot. Splat!

Drop water balloons from high in the sky and complete to hit a bullseye on the ground!

In this high-impact engineering camp, students take to the skies by designing a custom hammock-style holder to safely carry and release a water balloon from a drone flying 150–200 feet above the ground.

Using the Engineering Design Process, campers will prototype, test, and refine their designs to maximize accuracy and control.

Campers follow an engineering design process to design their balloon holder

Students will work with materials like felt, laser cutter, sew their own assemblies, and design and 3D-print custom fasteners that attach directly to the drone's release module.

The final challenge: drop the balloon and try to hit the bullseye — splat included!

Features

- Drone
- Laser Cutting
- 3D Printing (Rubber)
- Measurement & Design
- Graphic Design
- Team Competition

Summer Camps 2025
Kids 9 - 13 Yrs

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FLL Robotics Camp SR

July 20 - 24, Aug 10 - 14

Build, Code, Compete: Unlock Your Potential at FLL Camp

Dive into the exciting world of competitive robotics as you design, build, and code custom robots to tackle thrilling FLL challenges.

Our FLL Robotics camp is a chance for kids to explore the critical aspects of the FLL robot game including:

- **Mastering Base Robot Construction**
- **Designing and Building Custom Attachments**
- **Coding Fundamentals and Advanced Techniques**
- **Understanding FLL Scoring and Strategy**
- **Collaborative Teamwork and Problem Solving**

Several Themes During the Summer

13-14 challenges per theme

Features

Robotics & Coding

Advanced AI

3D Printing

Measurement & Design

Team Competition

Flowlab: Ultimate Game Lab

July 13 - 17

Build, Play, Learn: Game Design Made Easy with Flowlab!

Discover the world of video game design with our Flowlab.io summer camp, a user-friendly platform that introduces young creators to the basics of game development

Inspired by leading engines like Unity and Unreal, Flowlab simplifies complex concepts, making it accessible for budding game designers.

Join us this summer and transform your creative ideas into playable games!

- **Explore Game Design: Campers will dive into the fundamentals of video game design, developing their own game concepts, storylines, artwork, and gameplay mechanics.**
- **Create with Flowlab: Using the intuitive Flowlab editor, campers will bring their games to life, incorporating heroes, hazards, moving enemies, collectibles, bonus points, sound effects, animations, game thumbnails, and much more!**
- **Design Your Identity: Each camper will design a unique logo using graphic design software, which they will then bring into the physical world by 3D printing it with our multi-color 3D printers.**
- **Friendly Competition: Campers will engage in friendly competition, showcasing their games and voting on their favorite creations.**

Features

Game Design

3D Printing (Multi-Colour)

Laser Cutting

Graphic Design

Individual Competition

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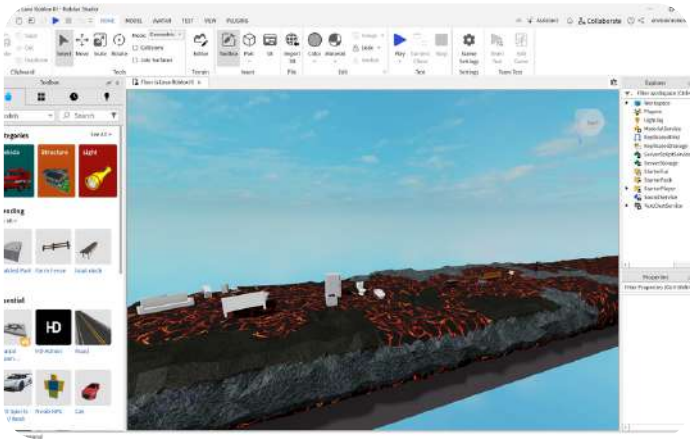
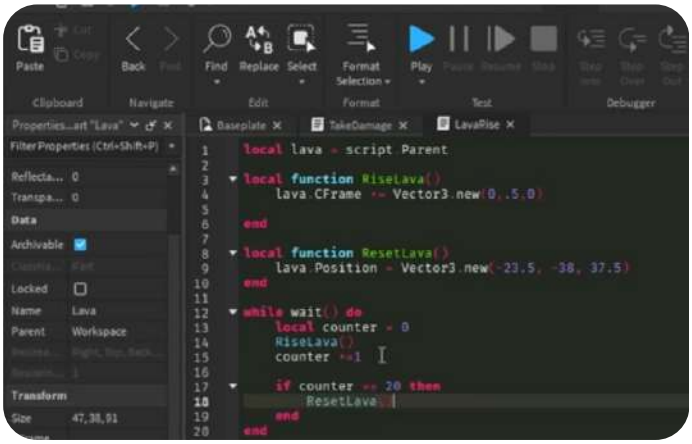
Roblox Studio: Adventures in Lua Coding

July 27 - 31, Aug 4 - 7 (4-day)

Create, Code, Conquer: Unleash Your Imagination in Roblox!

- **Master Roblox Studio: Campers will dive into the fundamentals of Roblox Studio, learning how to navigate and utilize its powerful features to set the stage for their creations.**
- **Code with Lua: Using Lua, the scripting language of Roblox, participants will bring their games to life by coding interactive elements such as exploding bricks, lava floors, disappearing and moving blocks.**
- **Build Interactive Worlds: Campers will apply their coding skills to construct dynamic game environments, encouraging creativity and technical skill in designing engaging gameplay experiences.**
- **Showcase and Collaborate: At the end of the camp, students will showcase their unique game creations, sharing their projects with peers and gaining insights through collaborative feedback and playtesting.**





Features

Game Design | 3D Printing (Multi-Colour) | Laser Cutting | Graphic Design | Individual Competition

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YouTube Camp: Tube Like A Boss • Aug 10 - 14

Capture, Create, Connect: Become a YouTube Star!

Our YouTube camp is perfect for learners aspiring to create a YouTube account as well as those that have an active account and want to build on it.

Students learn the fundamentals of YouTube and YouTube Studio including safe social media practices.

Students create their own YT channel and record and edit several videos in our dedicated Studio - equipped with high-end mics, boom, adjustable desk, lights green screen and more!

Dedicated Studio

Mics and lights

Students will also learn how to use artificial intelligence prompts to create their own YouTube logo, which they will then laser engrave

AI Prompt writing for logo creation

Students will also create their own "merch" using a hat press

Professional Hat press (hat included)

Campers will also get hands on with 3D printing during the week.

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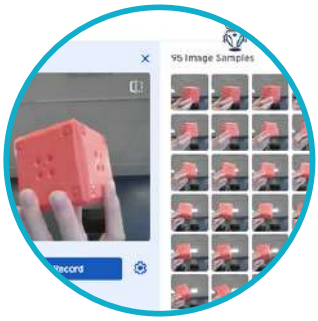
Jumpstart AI (Artificial Intelligence)

Aug 24 - 28

Artificial Intelligence (AI) is the technology that enables computers and machines to mimic human intelligence. This means they can perform tasks like understanding language, recognizing images, making decisions, and learning from experience.

The 3 main objectives of our Jumpstart AI Camp ....



1 Build a Framework for Understanding

- AI is a highly complex field, and most people have only a basic understanding of it or are familiar with its fundamental applications.
- Help kids build a framework for understanding AI, including its levels or stages, core components, and methodologies such as machine learning used to create intelligent systems.

2 Learn through Immersion

- The best way for kids to learn AI is through immersion, which actively engages them and makes complex concepts more accessible through hands-on experience.
- Most of the time at camp will be spent on hands-on learning with various platforms and technologies, teaching kids how to optimize these tools for more effective results.

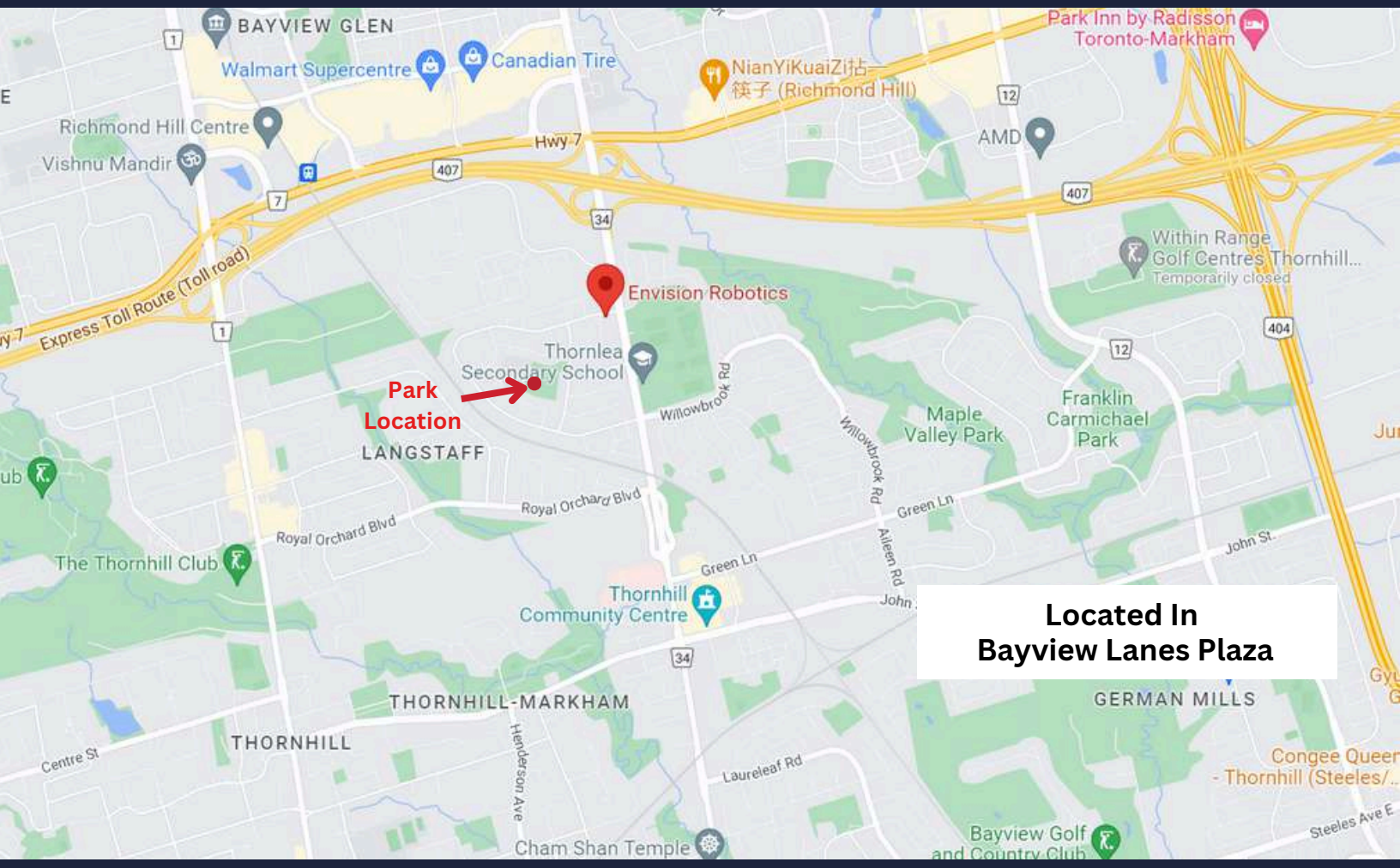
3 Build an "AI Toolbox"

- AI is rapidly advancing and reshaping the definition of 21st Century Skills
- The sooner kids learn to build a set of AI skills, and more importantly, their "AI Toolbox", the better prepared they will be
- An underlying goal of this program, beyond their participation in this camp, is for students to use their AI Toolbox to make learning and studying more effective
- Students will learn to use over 15 different AI focused platforms and technologies to add to their "AI Toolbox"
- Included in this camp is a AI Workbook to help them retain and record their learnings

Features

- Machine Learning
- Virtual Assistants
- Advanced Robotics with AI
- AI Generated 3D Models with 3D Printing
- AI ToolBox
- AI Workbook

Our Location



Our STEM Studio

8220 Bayview Avenue, Unit #10
(Bayview / HWY 7 area)
Markham, L3T 2S2
647-502-6319
info@envisionrobotics.com

Follow Us!

Summer Volunteer

ENVISION ROBOTICS

Have a son/daughter in Grade 10 - 12?
Summer Volunteer Positions Open

- **Gain valuable STEM skills and job experience**
- **Earn community credit**
- **Work with like minded students**
- **Enhance university applications**
- **Contribute to the growth of STEM education in your community**
- **Training provided**

Summer Shifts

- Monday - Friday
- 9:00 am - 4:00 pm
- Lots of outdoor time

How to Apply

- Email john@envisionrobotics.com
- Include desired week, provide resume, if available

8220 Bayview Avenue, Unit #10
Markham ● 647-502-6319

About Us

Envision Robotics is one of GTA's leading STEM education studios serving students 5 - 15 years. Programs include robotics coding, artificial intelligence, 3D printing, laser cutting, and more!