FREQUENTLY ASKED QUESTIONS

General

Questions	Answers
I hear robotics is more for boys. How does it help my daughter	The Robotics program we offer is based on STEM concepts. Any kid interested in any of the STEM areas will greatly benefit and enjoy this program. They will be better prepared for the future world of Robots.
I heard robotics is for boys. Will my daughter be the only girl in class?	Our program provides equal opportunity for boys and girls to learn and have fun. Your daughter will likely have other female classmates.
Do you offer winter or summer camps?	Yes. We offer summer camps, winter camps, and spring camps. More info about our camps.
What is the period of each program?	Each level of program is for a period of 12 weeks. We offer 6 levels. Kids who graduated successfully from each program are eligible to enroll to the next level of program. Our programs are designed for kids to progress at a gradual and organized pace based on the concepts of STEM they learn in their school curriculum. Trial classes are available; call us to schedule.

Pricing

Questions	Answers
How much does it cost?	Review tuition.
What materials do you provide? Is there any additional cost for materials?	As part of each program we provide all necessary electronic components and kits that help kids build various projects. All you need to is prepare the child ready to have a blast while exploring a world of technically advanced awesomeness. Everything else is included in the tuition.
Do we get to keep the robots?	Yes, the kids get to take home all that they build. We believe this encourages the kids to explore more and increase their curiosity in Robotics. They can experiment and learn more at home based on what they learnt in our programs.
Do you offer a sibling discount?	No.
Do you offer discounts for enrolling in multiple programs simultaneously or attending classes multiple times per week?	No.
Is there a registration fee?	Yes. One time Registration fee is $35.
Is there a cost for a make-up class?	We strongly encourage kids not to miss any class. As a courtesy, make-up classes are offered at no cost with proper notice and only for emergency circumstances; see our Make-up Policy for more details.

Tournaments & Competitions

Questions	Answers
Do your students participate in competitions?	We strongly encourage students to participate in competitions based on the level of expertise and skill they have acquired. Students can participate in various competitions.
Does my kid enroll in competitions as an individual or as a team?	We strongly encourage each student to participate in competitions as a team rather than individual. Team environments helps kids share ideas and challenge their abilities in a friendly and positive way.
Is my kid guaranteed to be on a team?	Being part of team is the decision of each kid and the enthusiasm they show to compete. Team size and age is limited depending on the rules of each competition. All we provide is mentorship and guide during competitions.
Does my kid have to be on a team and compete?	We strongly encourage each student to participate in competitions. It is each kid's decision to participate in competitions.
Is there a cost to participate and compete in competitions?	Yes. The program fees do not cover competitions fees. All expenses directly related to a competition, such as team registration, robots, practice mats and tables, robot game elements are separate. We ask that you pay for the charges separately. Most events are not held at our location. We do

	not provide transportation, lodging, and food. We do not cover the associated costs.
How does my kid join a team?	Our experienced staff will evaluate each kid and based on their skills they will be assigned to teams. We strongly believe in kid's interest and enthusiasm, not meritocracy or seniority.
Can my kid change his mind and/or be removed from the team once selected?	Yes. While we encourage everyone to participate in competitions, we understand competitions are not for everyone. Please keep in mind, however, that quitting the team during competition season affects the entire team. We may remove team members for various reasons, such as improper behavior, missing practice sessions, and failure to participate as an active member of the team.

Scheduling

Questions	Answers
What if we miss a class?	Please read our Make-up Policy.
How long is each class?	Each class is approximately 90 minutes long.
When are the classes?	Please Check the schedule.
What if we take some time off for travel?	Please read our Make-up Policy.

Exciting Careers

Questions	Answers
How can robotics or programming be applied in real life?	Many High-tech companies and NASA are heavily focusing in designing, building and automating various day to day real life functions using Robots. Your child's future profession and growing experience will include interactions with these Robots and automation tools. At Stem4bots we can provide a solid foundation and understanding of Robotics using STEM principles that can help your child enrich you child's critical thinking skills.
My kid wants to be a doctor. How will they benefit from your program?	We teach your children to think like the best doctors in the world even though we're not a medical school. We teach them to think critically. Our instruction fosters a clear head, the ability to save time, the confidence to make decisions, and the skills needed to see beyond personal bias. This mixture of ability and confidence can benefit your child throughout life. As a bonus, the robotics training they receive here will translate directly to using incredible technologic marvels like the Da Vinci robot by Intuitive Surgical.
How will a future entrepreneur or a corporate business manager benefit from your program?	In a world as complex as ours, it's not possible for anyone know all the answers. We teach your children how to quickly find the best answer when it counts. We teach them to think critically. Critical thinkers often outperform their peers when put to the test. When your child goes to work for themselves or someone

	else, they will be able to open doors to opportunity in the real world.

Prerequisites

Questions	Answers
Does my child need prior experience?	All they need are interest and the desire to excel when it comes to robots, computers, and technology.
What if my child has prior experience?	Our faculty will evaluate your child to see if he qualifies to enroll in advanced level programs. Your child's prior experience might help them to progress at a faster pace.
My child is not into building robots, but is very interested in programming robots. Do you have a program that's right for them?	Yes. We do provide programs with pre-configured robots for your child to reduce or eliminate the need to build, and concentrate on the programming aspects of robotics.
My child is not into robotics at all, but is very interested in learning how to program games, apps and websites. Do you have a program that's right for them?	Yes. We teach Programming concepts, with focus on general purpose computer programming (commonly known as "coding"). Our programs are designed to focus on Robotics programming and not to build Internet or any gaming system. Students learn will however learn concepts to build and Robots and control Robots using mobile apps, web applications and various IOT based apps.

Robotics

Questions	Answers
At what age can my child join your program?	Grades K-4 (ages 8-9). In some cases, younger students may not be ready for our program; this is determined on a case-by-case basis by our trained faculty.
Explain the difference between Basic, Foundation and Advanced Robotics.	The main difference is the target age group. All the programs are designed to progress your child based on demonstrable knowledge. Foundation and Advanced program relies on certain knowledge of mathematics, science, awareness and use of technology which are not taught prior to 4th grade.

Enhanced Robotics

Questions	Answers
At what age can my child join your program?	Grades 4-8 (ages 9-13). Some students may not be ready for our program; this is determined on a case-by-case basis by our trained faculty.
Explain the difference between building Robots and programming Robots.	Building robots focuses learning the mechanical design and understanding the various components technologies to use assembling Robots. Students learn many of these concepts in depth to help to help them build Robots for various functions. Programming focus on learning general-purpose programming

	"coding" concepts and writing programs that help modify or control various Robotic functions. There is also a huge focus on how to interface and control Robots using mobile apps, web applications, data-driven applications, and more. Students are introduced to both linear and Object-Oriented Programming (OOP) languages. Quite a few students enroll in Advanced Robotics programs especially as they gear up for competitions, and/or advance in their learning of robotics and programming.

Programming

Questions	Answers
At what age can my child join your program?	Grades 4-11 (ages 9-16). Each program has its own age and requirements. Please read the Program requirements. If kids do not qualify, we consider registration on a case-by-case basis, and is outside of the scope of this FAQ.
What programming languages and technologies do you use?	Our language of choice is C# (pronounced "See-sharp"). We also use general-purpose object-oriented programming languages such as Java and C++. As students' progress through our program, they are exposed to a number of industry-standard languages and technologies, such as SQL, XML/JSON, HTML5/CSS3/JavaScript, Web Services, and more. We use professional development environments, such as Visual Studio, Eclipse, IntelliJ, Android Studio, SQL Server Management Studio, and more.
What if a student comes up with a cool project/idea?	We salute the creativity and let students implement their ideas into reality with our help and instruction. Many of our students create unique games and apps. We even have a graphics designer on staff to create custom graphics specifically for your child's game or app - at no additional cost.

Advanced Programming

Questions	Answers
At what age can my child join your program?	Please check each Program requirements.
My kid has no prior experience. Can they enroll in Advanced classes?	No. We strongly recommend starting in our Foundation Robotics classes first.
Can my kid join any program? Can you Explain the difference between programs?	Advanced Robotics focuses on serious software development concepts, including algorithms, best practices / patterns, Test-Driven Development, creation of software libraries, object oriented class hierarchy design, abstract classes/interfaces, networking/web services, database design and development, and more. Projects are typically much larger and may be assigned to a group of students who work as a team. Students learn to use code repositories (Git), memory/code profilers, ticketing systems for bug tracking, advanced debugging features (logging, remote debugging, conditional breakpoints, etc.), and other advanced concepts.