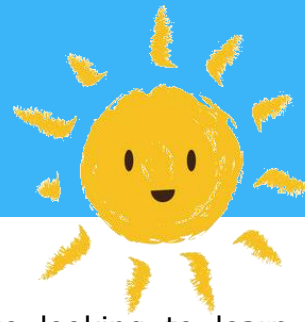




A&D Tutoring

Summer Programs 2019



Robotics using LEGO®

Classes are perfect for students aged 6 to 12 who are looking to learn STEM concepts in a fun and interactive way. Junior students learn to build with LEGO robotics while the advanced students learn to build LEGO Mindstorms EV3 robots.

We offer two classes:

Junior Robotics using LEGO® Ages 6-8

Advanced Robotics using LEGO® EV3 Ages 9-12

These classes are for students who enjoy working with their hands as well as on the computer, and who work well with others.

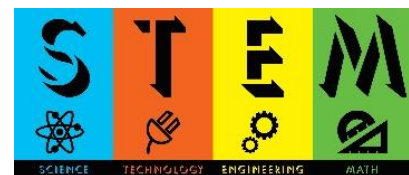
Junior Robotics Using LEGO®

July	Dates	Hours ¹	Cost	August	Dates	Hours ¹	Cost
	Jul 2 - 5	9 am – Noon	\$120 ²		Aug 6 - 9	1 pm – 4 pm	\$120 ²
	Jul 8 - 12	1 pm – 4 pm	\$150		Aug 12 - 16	9 am – Noon	\$150
	Jul 15 - 19	9 am – Noon	\$150		Aug 19 - 23	1 pm – 4 pm	\$150
	Jul 22 - 26	1 pm – 4 pm	\$150		Aug 26 - 30	9 am – Noon	\$150
	Jul 29 - Aug 2	9 am – Noon	\$150				

Advanced Robotics using LEGO® EV3

July	Dates	Hours ¹	Cost	August	Dates	Hours ¹	Cost
	Jul 2 - 5	1 pm – 4 pm	\$120 ²		Aug 6 - 9	9 am – Noon	\$120 ²
	Jul 8 - 12	9 am – Noon	\$150		Aug 12 - 16	1 pm – 4 pm	\$150
	Jul 15 - 19	1 pm – 4 pm	\$150		Aug 19 - 23	9 am – Noon	\$150
	Jul 22 - 26	9 am – Noon	\$150		Aug 26 - 30	1 pm – 4 pm	\$150
	Jul 29 - Aug 2	1 pm – 4 pm	\$150				

- Extended care check-in and Extended care Pick-up time is available for students who need it at an additional cost.
- If a holiday is observed during camp, we will condense the curriculum to accommodate the shortened week.



Questions?

Give us a call we'd be happy to answer them!

Address:



16408 100 Ave NW
Edmonton, AB
T5P 4Y2

Hours: Mon. to Fri. 9 a.m. to 5 p.m.

Phone: (780) 444-9349

Email: adtutoring@shaw.ca

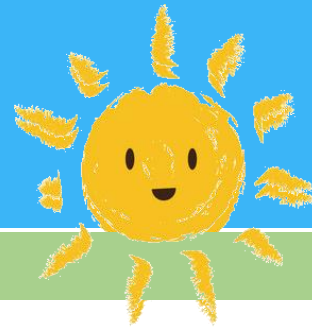
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A&D Tutoring

Summer Programs 2019



Junior Robotics Using LEGO®

Ages: 6-8

Skill Level: Beginner to Intermediate

Software & Hardware:

LEGO WeDo 2.0, LEGO Simple Machines, WeDo 2.0 Programming

The best way to get started in robotics! Students will learn to build cool machines and robots. You will learn about gears, belts, motors, and computers to bring your robot to life using a simple application and programming.

This class introduces all the basics of mechanics and is a great way to learn about science, technology, engineering and math through play.

Introduces our youngest students to STEM fundamentals with the same project-based learning approach as our advanced students.

All skill-sets are welcome, we will tailor the curriculum to a students' needs and skill level.

Advanced Robotics using LEGO® EV3

Ages: 9 – 12

Skill Level: Intermediate to Advanced

Software & Hardware:

LEGO MINDSTORMS EV3, LEGO Simple & Powered Machines, MINDSTORMS EV3 Programming

Students learn to design, build and program robots using LEGO's latest technology. The MINDSTORMS EV3 software features an easy-to-use graphical user interface allowing students to immediately begin simple robotics programming and then advance into more complicated programs.

Students will work in teams of two or individually to complete projects. This class has a focus on engineering design and programming.

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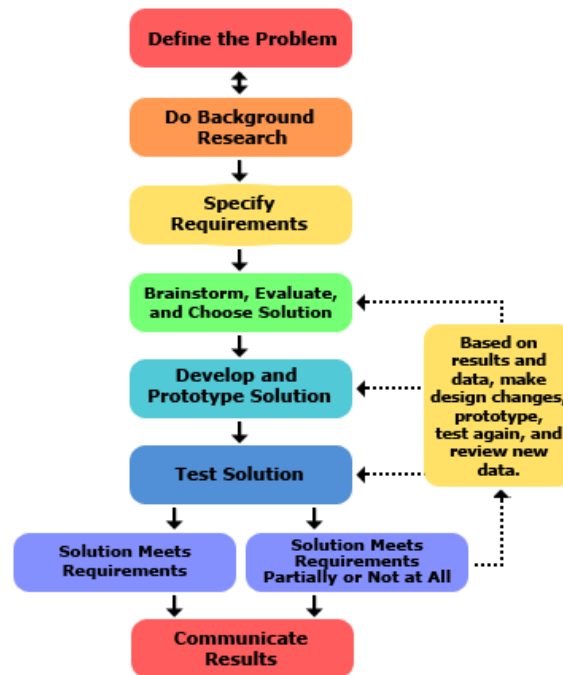
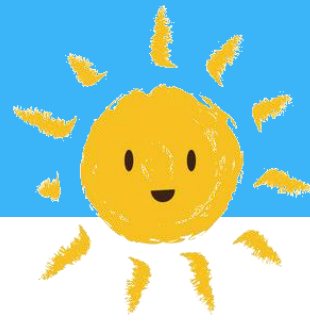
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A&D Tutoring

Summer Programs 2019



The Engineering Design Process:

Students will get hands-on experience seeing how their code controls their robots' actions. They will have to collaborate with their fellow students to create solutions to real-world problems.

All skill-sets are welcome, we will tailor the curriculum to a students' needs and skill level.

Other Information

Sorry, robots and LEGO do not get to go home. The LEGO sets used in class are quite expensive and exceed the cost of the week's class.

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