

# Youth: Science Technology Engineering Math



Science  
IS SIMPLY THE WORD  
WE USE TO DESCRIBE  
A METHOD OF  
ORGANIZING OUR  
CURIOSITY.

- Tim Minchin -

## **Secret Agent** Youth Entering Gr. 2-5

*Mad Science*

Can you outwit the Mad Science Spy? James Bond's gadgets weren't all science fiction. Discover the science behind some real spy technology as you listen to distant voices and sounds. Learn about different secret codes, their use in clandestine communications and a little of the history behind them. Experiment passing your messages using a spy technique called a "dead drop". Snack included.

#58580A

☼ Mon-Thu Jun 17-20

9 am-12 pm

Tilden-#170

\$139-4 ses

## **Flight Academy** Youth Entering Gr. 1-5

*Mad Science*

Calling all aviators! As a Mad Science flight cadet in training, you will explore the history of aviation and discover how aircraft fly. Build your own kite, stunt plane, paper airplanes and model rocket. Ride the air on a Hovercraft. Discover how hot air balloons, blimps and parachutes work. Snack included.

#58581A

☼ Mon-Thu Jul 8-11

9 am-12 pm

Tilden-#170

\$139-4 ses

## **Jr. Scientist** Youth Entering Gr. K-2

*Mad Science*

Have you ever wanted to be a chemist, geologist, biologist, illusionist, or paleontologist? These are just some of the Mad Science scientists you will become while learning about bugs, sea life, fossils, minerals, optical illusions, magic and what makes slime slimy and putty sticky. Enjoy hands-on fun and experiments as you explore a different theme each day. Snack included.

#58582A

☼ Mon-Thu Jul 29-Aug 1

9 am-12 pm

Tilden-#170

\$149-4 ses

## **Sr. Robotics Engineer** Youth Entering Gr. 4-7

*Mad Science*

Build the OWI Robotic Arm Edge to take home. Explore the mechanical and electrical engineering that makes robots possible. Build circuits, experiment with gears and explore sensors that robots use to see and hear to guide their actions. Learn the fundamentals of programming robots with Mad Science's Sandwich programming.

#58583A

☼ Mon-Thu Jul 15-18

1-4 pm

Tilden-#170

\$209-4 ses

If your child is enrolled in **CAMP HORIZONS/BIG SHOTS**, **Community Education** will **TRANSPORT** your child to/from one of Community Ed's **youth classes** if it is held within the City of Hastings and on days when your child is enrolled in Horizons/Big Shots — **except on Field Trip days!**



# Youth: Science Technology Engineering Math

Spring-Summer, April thru August

## Babysitting 101

Youth Ages 10-12 Years *Emergency Outfitters*

This course follows the American Academy of Pediatrics – **Babysitter Lessons And Safety Training (BLAST)**. Learn current practices for safety and injury prevention, first aid basics, feeding and caring for infants, how to handle behavior problems, and how to manage their babysitting business. **Receive a reference book, game handouts, babysitting bag and first aid kit.** *Receive Certification from the American Academy of Pediatrics.* Bring a snack for morning and afternoon, along with a bag lunch.



#58545A	☼ Wed Jun 12	8:30 am-4 pm	Tilden Com Ctr, #109	\$75-1 ses
#58534B	☼ Wed Aug 7	8:30 am-4 pm	Tilden Com Ctr, #109	\$75-1 ses

## F.A.S.T. KIDS

### Staying Safe While Home Alone

Youth Ages 7-10 Years

*Emergency Outfitters*

**First Aid and Safety Trained Kids** is a 6-hour course for 7-10 year olds. Lessons cover basic first aid, water safety, vehicle safety, home emergencies, injury prevention, personal safety and healthy living. This course helps prepare children for staying at home alone. **Receive a book, handouts and a home first aid kit as part of this class.** Bring a snack for morning, along with a bag lunch.

#58535A	☼ Thu Jun 13	8:30 am-4 pm	Tilden Com Ctr, #109	\$55-1 ses
#58535B	☼ Thu Aug 8	8:30 am-4 pm	Tilden Com Ctr, #109	\$55-1 ses

## {YEL} Junior Robotics **NEW**

Youth Entering Gr. 1-5

*Youth Enrichment League*

Build it, program it, play with it and learn from it using LEGO® Mindstorms WeDo software and LEGO® bricks! Students will build race cars, a forklift, boat and more, then program them to complete various tasks. Students are challenged to build, test, program and modify multiple projects, then use those projects to investigate basic robotics concepts as well as introductory computer coding. Restrain summer brain drain, sign up today. Visit [YouthEnrichmentLeague.com](http://YouthEnrichmentLeague.com) for sample pictures and more information. *LEGO® is a trademark of the LEGO Group of companies which does not sponsor, authorize or endorse this site or program.*

#58573A	☼ Mon-Thu Jul 29-Aug 1	9 am-12 pm	Tilden Com Ctr, #169	\$109-4 ses
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## Extreme EV3 Robotics Tournament **NEW**

Youth Entering Gr. 3-8

*Tech Academy*

New class with new builds and challenges! Take your engineering skills to a higher level. Students will be using the EV3 Mindstorm Robotics Systems, and special Lego Technic engineering components to build extreme competitive robots. Work in small teams to control your robots with EV3 programs. Then, modify and build! Students will be challenged to morph their projects in better, stronger and faster robots to compete in a Tournament on the last day. Please bring a drink and snack daily.

#58574A	☼ Mon-Wed Jun 10-12	9 am-12 pm	Tilden-#169	\$119-3 ses
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# Youth: Science Technology Engineering Math

Spring-Summer, April thru August

## Java Minecraft Modding: Infinity Gauntlet **NEW**

Youth Entering Gr. 4-7

Tech Academy

Learn and use elements of Java coding to create Minecraft mods. Alter the world around you with the real stone, defeat the ender dragon with the power stone, and halve the universe using all six infinity stones. Shape the world to your will and make the universe "perfectly balanced". Use the Java programming language to create Thanos armor and a working infinity gauntlet. Be comfortable with keyboarding and playing Minecraft! Take home your mods to share on the last day. Bring a USB drive, a snack, and a drink each day.



#58577A      ⚙ Mon-Wed Jun 24-26      1-4 pm      Tilden-#169      \$119-3 ses

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## Pokemon Movie Making **NEW**

Youth Entering Gr. 1-5

Tech Academy

Work on a stop-motion animated POKEMON movie. Pick your favorite characters to star; the possibilities are endless. Action figures, props, and backdrops will be available for filming. Handle all the technical details including using a digital movie camera, filming scenes, doing stop-motion animation, digital editing, and adding finishing touches, special effects, and transitions. Students' groups' final projects will be emailed to parents or placed on your jump drive (you may bring one the last day). Bring a snack and drink.

#58578A      ⚙ Mon-Wed Jul 29-31      9 am-12 pm      Tilden-#125      \$119-3 ses

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## Battle Royale Game Coding **NEW**

Youth Entering Gr. 5-8

Tech Academy

Inspired by Fortnite! Join us for an exciting week of game coding! Create your own battle royale game for you and your friends to drop in to. Customize the map, set your characters, and create upgrades to scatter across the world by learning coding and game design. Use your skills to achieve a Victory Royale. Please bring a drink and snack daily. Bring a USB drive on the last day to save your games, or they can be emailed to parents.

#58579A      ⚙ Mon-Wed Jul 29-31      1-4 pm      Tilden-#169      \$119-3 ses

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## Glam Lab! **NEW**

Youth Entering Gr. 5-8

Tech Tac Toe

Fizzy Bath Bombs! Shimmering Lip Balm! Soaps! Shower dough! Glam Goo! Exfoliating Salt Scrub and more! Science meets glam. Concoct all types of beauty and bath products while you learn the science behind them. Add a pinch of imagination as you create super cool packages and ads to take home your very personal creations. Please bring a peanut-free snack and beverage, along with a towel and use quick dry clothing.

#58572A      ⚙ Mon-Thu Jul 22-25      9-11:55 am      Tilden-#169      \$145-4 ses

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## Ultimate Hovercrafts - Air Blast Engineering **NEW**

Youth Entering Gr. 2-5

Tech Tac Toe

Explore the power of Air like never before! Build a super cool hover craft (to take home!), have a blast experimenting with pressurized car launching, learn to harness the power of air in engineering, create pneumatics machines and much more. Please bring a peanut-free snack and beverage.

#58571A      ⚙ Mon-Thu Jun 24-27      1-4 pm      Tilden-#170      \$145-4 ses

# Youth: Science Technology Engineering Math

Spring-Summer, April thru August

## Minecraft Game Designer: Dungeons **NEW**

Youth Entering Gr. 1-5

Tech Academy

New Class! Don't just play Minecraft! Turn Minecraft from a game into a visual learning tool! Reinforces problem-solving skills and spatial cognition through learning to create in-game dungeons and treasure maps. Emphasis is strongly placed on creativity, exploration, and cooperative learning experiences. While immersed in the fun and creative world of Minecraft, students will learn about concepts in programming and game design. Please bring a drink and snack daily.

#58575A

☀ Mon-Wed Jun 10-12

1-4 pm

Tilden-#169

\$119-3 ses

## Robotic Builders: Battlebots

Youth Entering Gr. 1-5

Tech Academy

Let the battles begin! Designed by the experts at M.I.T., LEGO WeDo Robotics' unique system teaches students about simple machines, engineering, programming, and so much more. In this camp, students may construct a Catapult, Ninja Star, Tank, Battle Axe, Crossbow, and more! Please bring a drink and snack daily.

#58576A

☀ Mon-Wed Jun 24-26

9 am-12 pm

Tilden-#169

\$119-3 ses



# DRIVERS ED

LESSONS FOR THE ROAD OF LIFE

30 Hours of Classroom & 6 Hours Behind-the-Wheel

Ages 15+

- This is the **ONLY** local Driver's Education Program *taught by experienced Hastings School District teachers* Vicki Davis, Nathan Neuman and Erik Dietz.
- 1-on-1 behind the wheel sessions allow for personalized instruction and thorough parent communication. **No multi-student behind the wheel in our cars!**
- 6 hours of Behind-the-Wheel (upon successful completion of classroom instruction.)

The classroom portion consists of 30 hours of classroom teaching. Our program is approved by the **Minnesota Department of Public Safety**.

Behind-the-Wheel NO SHOWS: There is a \$50 fee payable to Hastings Community Education for any unexcused absence of behind-the-wheel training. This fee must be paid prior to scheduling another session. Students are scheduled for behind-the-wheel according to birth date; oldest first. (Student must be 15 years old within 3 months of taking the classroom portion.)

Parents and students can expect high-quality preparation for the new driver, with emphasis on mastery of material. Students will take practice tests, including a practice permit test to prepare them for the test at the driver's exam station.

The road to your driver's permit and license begins with Hastings Community Education's Driver's Ed program!

#5071: June 11, 12, 13, 17, 18, 19, 20, 24, 25, 26, 27, 2019

8-11 am

Sr High #F253

\$375

\*\* Dates are subject to change \*\*

To Register: [www.hastingscommunityed.com](http://www.hastingscommunityed.com)