

# Bring STEM Discovery Home

Explore STEM at  
Home Online!

## STEM at Home

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Bring STEM discovery home for children and youth from preschool to Grade 12. Explore the new STEM at Home page with curriculum-aligned education resources and activities that encourage active learning and discovery outside of the classroom.

### Learning Resource Collections

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Each collection contains curriculum-connected resources and activities from Let's Talk Science, all relating to an overarching theme. Collected on Wakelet, they are perfect for planning a theme day or week of learning! New content is added weekly.

→ [LEARN MORE](#)

### STEM in Context

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Youth can explore articles about science topics in everyday life, like [COVID-19](#). This material covers every grade and science subject. You can enter your child's province and grade level in the curriculum search, or search for an interesting topic.

→ [LEARN MORE](#)

### Video Channels by Subject

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Watch a variety of engaging STEM videos on various subjects including engineering, space, chemistry, biology, mathematics, physics and more.

→ [WATCH NOW](#)

### STEM-Based Web Series for Kids

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#### The Solutioneers

Follow a group of 12-year-old besties, coders and budding inventors who plan to change the world using STEAM on The Solutioneers! Season One is streaming now, with new episodes every week.

→ [WATCH NOW](#)

#### Emerald Code

A STEM-based web series for elementary and middle school students, with a diverse cast of creative kids who support each other in solving problems at school using science and tech! Check out the two seasons available on YouTube:

→ [Season 1](#), [Season 2](#).

## Cool Online Contests and Competitions

## Online Educator Resources & Professional Development

### Let's Talk Science Challenge

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This year, the Let's Talk Science Challenge is happy to offer an online version to students across Canada! Designed as a STEM enrichment event for Grades 6, 7 and 8, the Let's Talk Science Challenge Online includes a weekly quiz show (each Thursday beginning April 16) and an engineering challenge you can do at home. Anyone is welcome to participate (including pre-registered teams)! Quiz available in both English and French.

→ [LEARN MORE](#)

### Let's Talk Careers Competition

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Join the Let's Talk Careers: Canada's Most Informed School and Most Informed Student competition! In partnership with ChatterHigh, the second competition round starts April 20th and wraps up on May 27, 2020. Answer a daily 10-question quiz, discover cool career paths and unlock information to help guide your career and post-secondary decisions, all while gaining points for your school and for yourself! The top school wins part of the \$25,000 cash prize and cool tech prizes, and you can personally win up to \$150 in cash bursaries!

→ [LEARN MORE](#)

### That's a Real Job! Contest (April 14 – May 15)

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Let's Talk Science needs your help identifying jobs of the future! This contest will challenge students from Grade 5 to 12 to come up with a future career concept that could be turned into the next video in the YouTube series That's a Real Job! Share your idea, draw a picture, make a comic strip or send in a video. Visit our website for full contest details!

→ [LEARN MORE](#)

Discover a wide variety of educator resources including online professional development, and curriculum-aligned resources and activities to share with students.

### Let's Talk Science Wonders

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Engage your Kindergarten to Grade 6 learners online with a weekly [Flipgrid](#) prompt. Each prompt provides a different STEM or digital literacy question or challenge. Join us every Wednesday for a new Let's Talk Science Wonders prompt.

→ [LEARN MORE](#)

### Webinars

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Online training at your fingertips. Join live or watch a recording on your own schedule. Topics include, Young Computational Thinkers, Coding with Purpose, Creative Collaborators, Fostering Empathetic Design, and more. Register for the Teaching Climate Series Using Online Tools the week of April 20th and our virtual Digital Literacy summit May 4-8<sup>th</sup>.

→ [LEARN MORE](#)

### Self-Paced Learning

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Update your skills and understanding on your own schedule through the courses on Brightspace. Flexible options let you choose your content and time frame for completion. Topics include, digital literacy, computational thinking, design thinking, problem solving and more.

→ [LEARN MORE](#)

### Educator Resources

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Early Years to Grade 12 curriculum-aligned resources searchable by province, grade and curriculum connection. Find resources to share with your students at home.

→ [LEARN MORE](#)

Let's Talk Science – a leading partner in Canadian education – is a national charitable organization committed to inspiring and empowering Canadian youth to develop the skills they need to participate and thrive in an ever-changing world. To accomplish this, Let's Talk Science offers a comprehensive suite of science, technology, engineering and math (STEM) based programs to support youth, educators, and volunteers across Canada. Let's Talk Science's national office is located in London, Ontario. For more information about Let's Talk Science, visit [letstalkscience.ca](http://letstalkscience.ca).