



MIDDLE SCHOOL S.T.E.M. CAMP



Neuroscience: Electricity, Muscles & the Brain
March 22–26 • 10 AM–3 PM



Science and engineering through hands-on fun!

BUILD

Make your ideas a reality! **Build your own differential amplifier using principles of electricity and engineering!**

LEARN

You are what you eat! **How do energy drinks, sugar, and caffeine affect the brain?** Learn about neurotransmitters and sensory perception.

TEST

Get into the lab! **Use electromyography to visualize and research electrical signals in neurons and muscles.**

SHARE

Present like an expert! Synthesize your learning in a capstone presentation to **become a better reader, writer, and public speaker.**

EXPLORE AND INNOVATE!

PERFECT FOR STUDENTS WHO WANT TO:

- Prepare for high school Science
- Pursue a S.T.E.M. field in the future
- Improve their public speaking skills
- Design their own experiments
- Prepare for science passages on the SSAT, SAT, ACT & MAP

STUDENT VOICES

"I had a lot of freedom when it came to experimenting and designing, so it was fun to explore and try new things!"

–Meg, Grade 7

"It was such a great place to explore and develop new interests while having fun and learning a lot about science!"

–Dhilan, Grade 7

"My teacher was always helpful and friendly when I needed it."

–August, Grade 6



Sign up **HERE** or using the QR code above!