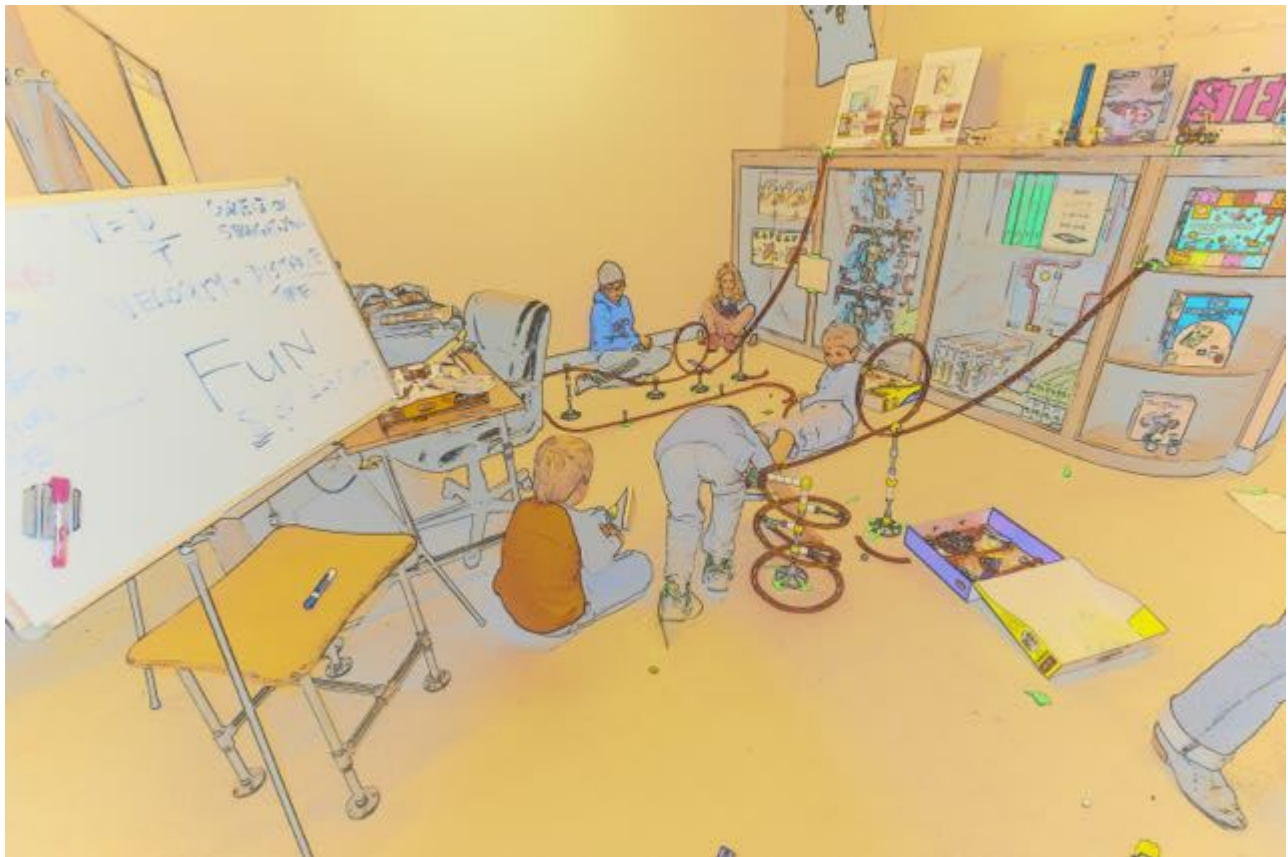


BrainSTEM Learning Canada

Where your kids get creative!

BrainSTEM – Science • Technology • Engineering • Math

**2017 Summer Camps-9 weeks-BrainSTEM
Learning-half day or full day-Marine
Learning Centre**



Age Group

4-6, 7-11, 12-14 YEARS

Drop-In's Welcome!

Marine Drive Learning Centre

Description

BrainSTEM Learning® want your kids to have fun and enjoy their summer like never before, using science, technology, engineering and math (STEM) in a creative and fun way.

Our Summer Camps are geared towards 4-14-year-olds. They are run over the course of nine weeks half day or full day sessions daily, either in the morning or afternoon or both.

All required materials are provided by BrainSTEM Learning Canada.

1 Week: Half day \$270* + GST / week (bring a snack for snack break)

**4-day holiday weeks half day are \$216 + GST / week*

*Receive a **20% Discount** for a second week or subsequent sibling registered!*

1 Week: Full day \$540* + GST / week (bring enough food for two snack breaks and lunch)

**4-day holiday weeks full day are \$432+ GST / week*

*Receive a **20% Discount** for a second week or subsequent sibling registered!*

- BrainSTEM- Ages 4 to 6 – Half-Day Morning Camp (9:30 am to 12:00pm)
- BrainSTEM- Ages 4 to 6 – Half-Day Afternoon Camp (1:00 pm to 3:30 pm),
- BrainSTEM -Ages 4-6 – Full day camp 9:30am-3:30pm
- BrainSTEM- Ages 7 to 14 – Half-Day Morning Camp (9:00am to 12:00 pm)
- BrainSTEM – Ages 7 to 14 – Half-Day (1:00 pm to 4:00 pm)
- BrainSTEM – Ages 7-14 – Full day camp- (9am-4pm)

BrainSTEM Little Brains (4-6 years) Learning Weekly Themes are as follows:

July 4 – 7* (4day week): 9:30-10:30am Civil Eng. 11:00-12:00pm Aerospace 1-2pm Manufacturing Eng. 2:30-3:30pm STEM 360

July 10-14: 9:30-10:30am Robotics Eng. 11:00-12:00pm Chemical Eng. 1-2pm Mechanical Eng. 2:30-3:30pm Robotics pt. 2

July 17-21: 9:30-10:30am Civil Eng. 11:00-12:00pm Aerospace 1-2pm Manufacturing Eng. 2:30-3:30pm STEM 360

July 24-28: 9:30-10:30am Robotics Eng. 11:00-12:00pm Chemical Eng. 1-2pm Mechanical Eng. 2:30-3:30pm Robotics pt. 2

**July 31-August 4: 9:30-10:30am Civil Eng. 11:00-12:00pm Aerospace 1-2pm
Manufacturing Eng. 2:30-3:30pm STEM 360**

**August 8-11* (4-day week): 9:30-10:30am Robotics Eng. 11:00-12:00pm Chemical Eng. 1-2pm
Mechanical Eng. 2:30-3:30pm Robotics pt. 2**

**August 14 – 18: 9:30-10:30am Civil Eng. 11:00-12:00pm Aerospace 1-2pm Manufacturing
Eng. 2:30-3:30pm STEM 360**

**August 21 – 25: 9:30-10:30am Robotics Eng. 11:00-12:00pm Chemical Eng. 1-2pm
Mechanical Eng. 2:30-3:30pm Robotics pt. 2**

**August 28 – Sept 1: 9:30-10:30am Civil Eng. 11:00-12:00pm Aerospace 1-2pm
Manufacturing Eng. 2:30-3:30pm STEM 360**

BrainSTEM Specialists/Managers (7-14 years) Learning Weekly Themes as follows:

July 4-7*(4-day week) 9am-12pm Session: Adventure Vacations

Kids are going to plan their own holiday activities, build an airplane, an skyscraper, make parachutes, build their own sail boat and air hot balloon.

July 4-7*(4-day week) 1-4pm Session: Amusement Park Rides

Build your own Carousel, Ferris Wheel, Giant Roller Coaster, and have two days of Robo-Animals challenges.

July 10-14 9am-12pm Session: STEM Olympic Challenge

They will build a mini crossbow, programming their own robot for special competitions, build their own Nano bugs, and compete in super train races.

July 10-14 1-4pm Session: Mindstorms EV3 Robots

This exciting week of Robotics, the students will build their own EV3 Robot, play Gotcha with the EV3, their EV3s will have an In-line skating race, Robot-communications, and their EV3 will make its way through an obstacle course.

July 17-21 9am-12pm Session: Crazy Science Challenge

Launch water rockets, discover pneumatic principles, build a truck with a mechanical hook, create their fuel cell that generates hydrogen using solar energy, turn on a LED light spinning magnets, they will learn about production line manufacturing, making their own ice cream.

July 17-21 1-4pm Session: Challenging Construction

Your children will learn about Simple Machines, build their own Solar Bike, Learn about construction, build a bridge, and design their own Zip-line sail

July 24-28 9am-12pm Session: Aquatic Amusement

They will discover what it means buoyancy and scuba dive science behind, build their own boat with air propulsion and their own submarine and finally face a challenge against time building powerboats.

July 24-28 1-4pm Session: True Stem Heroes

They face the challenge of save marine life of an oil spill, they will make their own solid water that could be as hard as a shield, they will generate electric energy from kinetic wind energy and they will make their own car powered with solar energy.

July 31-August 4 9am-12pm Session: Challenging Physics

The students will build their own roller coaster; a cabin that can resist harm crashes and extreme falls from certain distances; build their own catapult and crazy slime, finally build their own dragster.

July 31-August 4 1-4pm Session: Mindstorms EV3 Robots

This exciting week of Robotics, the students will build their own EV3 Robot, play Gotcha with the EV3, their EV3s will have an In-line skating race, Robot-communications, and their EV3 will make its way through an obstacle course.

August 8-11*(4-day week) 9am-12pm Session: True Stem Heroes

They face the challenge of save marine life of an oil spill, they will make their own solid water that could be as hard as a shield, they will generate electric energy from kinetic wind energy and they will make their own car powered with solar energy.

August 8-11*(4-day week) 1-4pm Session: Aquatic Amusement

They will discover what it means buoyancy and scuba dive science behind, build their own boat with air propulsion and their own submarine and finally face a challenge against time building powerboats.

August 14-18 9am-12pm Session: Challenging Construction

Your children will learn about Simple Machines, build their own Solar Bike, learn about construction, build a bridge, and design their own Zip-line sail

August 14-18 1-4pm Session: Crazy Science Challenge

Launch water rockets, discover pneumatic principles, build a truck with a mechanical hook, create their fuel cell that generates hydrogen using solar energy, turn on a LED light spinning magnets, they will learn about production line manufacturing, making their own ice cream.

August 21-25 9am-12pm Session: Mindstorms EV3 Robots

This exciting week of Robotics, the students will build their own EV3 Robot, play Gotcha with the EV3, their EV3s will have an In-line skating race, Robot-communications, and their EV3 will make its way through an obstacle course.

August 21-25 1-4pm Session: STEM Olympic Challenge

They will build a mini crossbow, programming their own robot for special competitions, build their own Nano bugs, and compete in super train races.

August 28-Sept 1 9am-12pm: Amusement Park Rides

Build your own Carousel, Ferris Wheel, Giant Roller Coaster, and have two days of Robo-Animals challenges.

August 28-Sept 1 1-4pm Session: Adventure Vacations

Kids are going to plan their own holiday activities, build an airplane, a skyscraper, make parachutes, build their own sail boat and air hot balloon.

