

Waiver of Release

- I waive any & all liability on the part of Barrhead Public Library, its employees or the instructors and understand that my child's attendance of this camp is done entirely at my own risk
- I give consent for my work to be publicly exhibited and photographed
- I give consent for photos of my child taken during this event for use in future displays or promotions
- I confirm that my child does not have any known allergies or medical conditions that have not been disclosed on this form

Name of Child: _____

Allergies or Medical Conditions: _____

Name(s) of Parent/Guardian(s): _____

Signature: _____

Date: _____



To Register: Return the registration form (make sure to complete both sides) and the \$100 supply fee to the library in-person. View below for our operating hours.



MON-TUE-WED-FRI
10:00AM-5:30PM
THUR
10:00AM-8:00PM
SAT
12:00PM-4:00PM
SUN
CLOSED

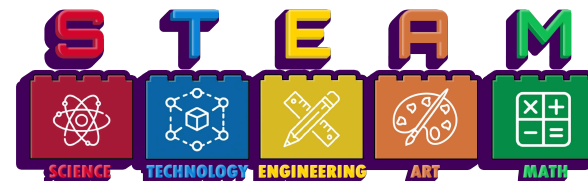
Questions? Suggestions?

Contact the Library Staff!

Phone: (780)-674-8519

Email: library@barrheadpubliclibrary.ca

Barrhead Public Library Presents



SUMMER CAMP

→ LEGO CAMP FOR YOUTH

AUGUST 20TH-23RD
(TUESDAY-FRIDAY)

Get in-depth with mechatronics and LEGO. Explore basic principals of engineering to create robotics for specific tasks.

Space is limited, sign up now!

Barrhead Public Library
5103-53 Avenue
Barrhead, AB T7N 0A8



@barrheadpubliclibrary



Barrhead Public Library

barrheadpubliclibrary.ca



About Lego Robotics

Learn to build robots with the Ev3 and NXT Education kits. Take advantage of electronic sensors compatible with LEGO like; Ultrasonic - Touch - Gyro - Color Camera - Touch

All able to be uniquely programmed with kid friend programming tools.

Learn advanced building techniques with classes from the Master Builder Academy.

Recommended for ages 10-15



10 Awesome Facts About LEGO

- 1) The plural of LEGO is LEGO.
- 2) LEGO comes from the Danish words "Leg Godt" which means "play well".
- 3) In 2024 there are 1.1 TRILLION LEGO pieces.
- 4) You can combine six 2x4 bricks in 915 million unique combinations.
- 5) The first Lego MiniFigure was a policeman.
- 6) 3 billion MiniFigures have been made and the largest private collection has 9,079 figures in total.
- 7) The tallest LEGO tower ever was 115 Feet and used 550,000 bricks.
- 8) LEGO sells more tyres than any other tyre company in the world, making 318 MILLION each year.
- 9) 36,000 LEGO Blocks are molded minute (or all the LEGO in the library is molded every two minutes!).
- 10) LEGO means "I combine" in Latin.

Instructors & Resources

Join "Mr.LEGO" Kyle Hughes as kids learn about many techniques for building effective robots (The key is planning!).

Attendee's will tackle principles of building & engineering through LEGO! Problem solve to make improvements on a self-driving car, win a race and show your creation is ready for any complicated challenge.

Building isn't just limited to LEGO bricks through! You will learn how to design a program, taking advantage of various robotic accessories with software. Before robots though we need to understand advanced LEGO techniques with the Master Builder Academy.

The camp runs from 10am to 3pm Mon-Thurs and is jam packed with demonstrations and play. We take an hour lunch break in between classes (12-1PM). Students are expected to bring a bagged lunch (fridge/microwave available).

The workshop space is available after 3pm for students who to put extra time in.



2024 Registration Form

Space is limited! Please complete both sides and return early to avoid disappointment!

AUGUST 20TH-23RD(TUESDAY-FRIDAY)

First & Last Name of Student:

Age: _____ Boy | Girl (circle)

T-Shirt Size (Adult): XS S M L XL

Name(s) of Parent/Guardian(s):

Mailing Address: _____

Postal Code: _____

Phone (H): _____

Emergency Day-time Contact (if not above):

Materials Fee: \$100

Cash ,cheque or debit now available! Please make cheques out to "Barrhead Public Library".

NOTE: Bring a bagged lunch (fridge & microwave are available) and leave valuables at home as we do not have lockers for bags and coats.