



Coder Dojo at Kingston Frontenac Public Library

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Description

Coder Dojo provides a fun and welcoming environment for children and youth to cultivate digital literacy skills and develop computer coding and programming skills for web, app, and game design. Learning is facilitated by volunteer mentors who share their coding expertise with participants, mentoring and motivating them through the learning process.

Length of Commitment

Kingston Frontenac Public Library (KFPL) now offers Coder Dojo sessions for two age groups: age 10-13 and age 14-18. It is expected that the age 10-13 session will involve more introductory skills (Scratch, Python, Makey Makey, Arduino, etc.), while the 14-18 age group may involve more advanced languages and physical computing with Raspberry Pi.

Age 10-13 (two 6 week sessions)

Tuesday evenings, 6:30 to 8 PM, at the Isabel Turner Branch, running from September 11 to October 16 and November 6 to December 11.

Ages 14-18 (two 6 week sessions)

Monday evenings, 6:30 to 8 PM, at the Isabel Turner Branch, running from September 17 to October 29 (no event on October 8) and November 12 to December 17.

Mentor Qualifications

Basic to advanced knowledge of programming required.

Current Vulnerable Sector Screening Criminal Record Check. (This is easily obtained from the Kingston Police for \$30. The library will reimburse you once we are provided with the original document).

Must be 18 years of age or older.

Ability to motivate and mentor children and youth in child- and youth-centered programs.

Strong interpersonal, coaching, and project management skills.

Ability to work with a diverse population with a variety of skill levels.

Mentor Responsibilities

Attend an orientation and training session, date to be determined.

Create a positive, fun, and enriching environment for participants.

Support learners in their coding projects.

Commit in advance to a majority of chosen session dates.

Training

An in-person orientation and training module covering program materials, as well as the roles and responsibilities of being a Kingston Frontenac Public Library Volunteer prior to the program start date.

Benefits

Meet new people and have fun while contributing to your community.

Develop interpersonal leadership, peer-to-peer coaching, problem-solving, communication, and time management skills.

KFPL can provide reference letters for mentors if given enough notice.

To Apply

Email Graeme Langdon, Teen and New Adult Library, at glangdon@kfpl.ca with your name, contact information, and a short description of how you meet the volunteer mentor qualifications.

While we cannot make any guarantees, please specify if there is an age group (10-13 or 14-18) you would prefer to work with, and which session(s) are most convenient for you. Please note that each age group has unique needs and responds best to different sorts of instruction.

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