

SEPTEMBER - DECEMBER 2018 YOUTH DIGITAL PROGRAMS

▲ Digital Pop-Up Table | All Ages

Robots, circuits, AR and...potatoes? Drop by the Digital Pop-Up Table to discover the technology that the Richmond Public Library uses in digital programs.

Brighthouse | Saturday October 6, 2:00pm-3:30pm

Sunday November 4, 2:00pm-3:30pm

Saturday December 1, 2:00pm-3:30pm

Sunday December 16, 10:30am-12:00pm

▲ Diving into the Digital World with Ocean Wise | Ages 8+

Learn how to protect our oceans with digital tools! This family-friendly event will be presented by our friends at Ocean Wise. Ages 8+. **Parents are encouraged to register and attend with their child.**

Brighthouse | Thursday November 8, 7:00pm-8:00pm

▲ Discovery with Dash | Ages 4-7

Meet Dash, the friendliest robot in the library! Parents and children will discover Dash's many talents together and complete challenges. **Parents must attend with children.**

Brighthouse | Saturday November 17 & December 15, 2:00pm-2:30pm

▲ littleBits | Ages 8-12

Using easy-to-use electronic building blocks in littleBits kits, design new inventions with a partner. Let's create some spooky inventions in this Halloween-themed program! **Participants must attend both sessions.**

Brighthouse | Tuesday October 23 & 30, 3:45pm-4:15pm

Steveston | Tuesday October 2, 3:30pm-4:15pm

▲ Digital Flipbook Animation | Ages 8-12

Using iPads provided by the library, create a short animal-themed animation. Let's see what creative stories you can craft using your pinky finger! Equipment will be provided.

Steveston | Tuesday December 4, 3:45pm-4:15pm

▲ MaKey MaKey Masters | Ages 9-14

Why eat your vegetables when you can transform them into game controllers? Bring your creativity to MaKey MaKey Masters where we work together to invent and to learn about circuits.

Brighthouse | Friday September 21, 4:00pm-4:45pm

Brighthouse | Wednesday November 21, 4:00pm-4:45pm

▲ Evil Genius | Ages 10-14

Every 21st-century Evil Genius needs digital skills to pull off the perfect heist. Work alongside your fellow geniuses-in-training to create a master plan that will finance your operations for years to come! Participants must attend all sessions.

Week 1: Guarding the Lair (Dash the Robot)

Week 2: Disarming the Alarms (littleBits Circuits)

Week 3: Creating the Replica (SketchUp 3D)

Week 4: Crafting the Alibi (Green Screen and AR)

Brighthouse | Thursday November 22, 29 & December 6, 13 7:00pm-7:45pm



Richmond
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REGISTER NOW!
REGISTRATION OPENS SEPT. 10 @ 10AM

SEPTEMBER - DECEMBER 2018 YOUTH DIGITAL PROGRAMS

▲ **Dungeon World | Ages 9-12**

Ready to become a hero and explore strange worlds, battling fearsome monsters? Dungeon World is a game in the spirit of Dungeons and Dragons where you help shape the world. Bring plenty of imagination to the table as you explore, and shape, a fantastic storyworld.

Brighthouse | Tuesday November 20 - December 4, 4:00pm-5:30pm

▲ **No Thank You, Evil | Ages 6-8**

A fun and safe game where kids can create characters who defend a storybook world and play out what happens. Great for those who are interested in games like Dungeons and Dragons

Brighthouse | Tuesday October 16-30, 4:00pm-5:30pm

▲ **Minecraft Club | Ages 6+**

Join us for lots of creative fun! Bring your own device and imagination, and have a great time with other Minecraft enthusiasts. Meet others and see their designs. Share building ideas and game play tips. Open to players of all levels from beginners to advanced.

Brighthouse | Wednesdays, 3:45pm-4:45pm

▲ **Code Club - Kids | Ages 8-12**

Kids who have at least an introduction to programming work on their own computer projects with a mentor on-hand to help when they get stuck or need guidance. Short themed lectures each week to introduce new languages, tools, libraries, techniques, or to provide inspiration.

Brighthouse | Monday October 15 - December 17, 3:30pm-5:00pm

▲ **Pico-8 Game Programming | Ages 8-12 with Parent**

Parents and youth team up to try their hand at a project where you can program sprites, sounds, maps and games within a retro 128x128 pixel, sixteen-colour display. However, there are no limits on what your imagination can create within this fun tool! **Parents must attend with children.**

You must register for and attend all four sessions, as they build on each other.

Brighthouse | Sunday November 18, 25 & December 2, 9, 10:00am-12:00pm

▲ **Pixel Art | Ages 9-14**

Come and join the fun of creating classic pixel characters and backgrounds. In this two session series we will focus on creating characters and basic animation using a web based software.

Brighthouse | Tuesday September 25 & October 2, 3:30pm-5:00pm

▲ **Get Real: Augmented Reality | Ages 8-12**

Explore how augmented reality changes your reading experience! Learn how you can use AR apps to combine digital images with the "real-life" physical environment.

Brighthouse | Wednesday November 7, 4:15pm-4:45pm

Brighthouse Branch

100-7700 Minoru Gate
604.231.6412

Cambie Branch

No. 5 & Cambie Rd
604.273.2223

Ironwood Branch

No. 5 & Steveston Hwy
604.231.6468

Steveston Branch

4111 Moncton St
604.274.2012



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SEPTEMBER - DECEMBER 2018 TEEN DIGITAL PROGRAMS

▲ Inkle CYOA | Ages 10-14

Want to write your own adventure story where the reader gets to choose the ending? Want to write that story as a simple, text-based video game? Inkle provides the tools, you provide the inspiration! Our digital services team will help you craft your story and learn how to turn it into a video game!

Brighthouse | Sunday September 23, 30 & October 7, 14, 10:30am-12:00pm

▲ Inkle Haunted House CYOA App | Ages 10-14

Richmond Public Library is going to make a choose your own adventure text-based video game--created by the community! We'll provide the basic storyline of a haunted house, and you'll be assigned a room in that house to write what happens. The finished product will be playable in the Launchpad for the week of Halloween!

Brighthouse | Sunday October 21, 28 & November 4, 10:30am-12:00pm

▲ Nanowrimo Warm Up with Inkle | Teens 13+

Nanowrimo is just around the corner! Why not warm up with a fun and interactive writing exercise that will have you making your very own text-based video game!

Brighthouse | Monday October 15, 6:00pm-7:30pm

▲ Nanowrimo Write In | Teens 13+

Need some help getting those pages done? Come write with other Nanowrimers at the Richmond Public Library!

Brighthouse | Monday November 5, 12, 19 & 26, 6:00pm-8:00pm

▲ Digital Dungeons and Dragons | Teens 13+

Are you a Dungeons and Dragons gamer looking for a regular group to game with? Richmond Public Library hosts a weekly digitally-styled D&D game.

Brighthouse | Tuesdays, 7:00pm-9:00pm

▲ Pop-Up AR | Ages 12-16

Pop-up books have entertained youth and adults for generations, from fairytales to books about The Walking Dead. With the addition of augmented reality technology, we will create stories with multiple layers of interactivity. Participants must attend both sessions.

Brighthouse | Thursday October 18 & 25, 6:30pm-8:00pm

▲ Code Club | Teens 13+

Teens with some programming experience, even introductory, can come to Code Club to work on their own projects, try out hardware like littleBits, micro:bits, Raspberry Pis, and more. A mentor will be available to help. Short lectures will introduce new tools, languages, and project ideas.

Brighthouse | Wednesdays, 6:00pm-7:00pm

▲ CoSpaces EDU: Creating Virtual Environments | Ages 11-15

CoSpaces allow individuals the opportunity to immerse themselves into a world where they can create almost anything in 3D, code and share their experiences with family and friends. This program involves animation and coding using Blockly and/or JavaScript & CoBlocks. For Ages 11 - 15. All devices will be provided. Participants must have basic understanding of coding, a phone for viewing the final project and attend all sessions. Registered Program.

Brighthouse | Friday September 28 & October 5, 12, 19, 6:00pm-7:30pm



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SEPTEMBER - DECEMBER 2018 ADULT DIGITAL PROGRAMS

▲ SketchUp for Adults | All Ages

Learn how to 3D model using SketchUp Make. In this four part series, you will learn about 3D modeling, 3D printing and get certified so that you can print your own files from the library's 3D printers. For ages 18+. Participants are required to attend all 4 sessions. Registered program.

Brighthouse | September 22, 29 & October 6, 10:30am-12pm

▲ Code Club | All Ages

If you have some programming experience and want a place to learn more, time to work on your own projects, or a place to meet others with technical interests, come to Code Club. A mentor will be available to help you level up your skills. Short lectures will introduce new tools, languages, or platforms. Registered Program.

Brighthouse | Wednesdays, 7:00pm-8:00pm

▲ HTML & CSS Workshop | Adults

Learn the languages of the web! We will cover how web pages work, the basics of HTML (which gives structure to web pages) and CSS (which gives pages style). You must register for and attend all three sessions, as they build on each other.

Brighthouse | Wednesdays, November 14-28, 7:00pm-8:00pm

▲ Device Clinic | Adults, Seniors

Bring in your laptops, smartphones, e-readers and tablets and get I-on-I assistance from a library staff member.

Brighthouse | Tuesdays, 10:30am-12:00pm

SEPTEMBER - DECEMBER 2018 DIGITAL LEARNING TOURS

THE RICHMOND PUBLIC LIBRARY OFFERS DIFFERENT DIGITAL LEARNING TOURS TO SUPPORT STEAM EDUCATION. PLEASE CONNECT WITH A STAFF MEMBER TO LEARN MORE ABOUT HOW TO BOOK A TOUR FOR YOUR CLASS OR HOMESCHOOL GROUP.

▲ **Inkle App for Schools**

Inkle is a simple programming language that allows students to write a text-based game while seeing it play out in real time. Games can be exported as HTML and played on any computer, and this session will support creative writing lessons in the curriculum.

Brighthouse | Select Thursday Mornings, 10:30am-11:30am

▲ **Green Screen Fun for Schools**

Your students can learn the basics of green-screen technology with RPL's laptops and software. All software is open source, and you can duplicate the green screen in your classroom!

Brighthouse | Select Thursday Mornings, 10:30am-11:30am

▲ **Scratch Pong Coding for Schools**

Students will code their own retro-style Pong video game, which was one of the first ever video games created in 1972 by Atari. Students will then experiment with electric circuits to create game controllers using MaKey MaKeys.

Brighthouse | Select Wednesday Mornings, 10:30am-12:00pm

▲ **Digital Learning Tour**

Students learn about 3D printing, explore robotics with Dash the robot, and build circuits with littleBits.

Brighthouse | Select Wednesday Mornings, 10:30am-12:00pm

▲ **SketchUp**

How does 3D printing work? Students will learn how 3D printing works at the library, and how they can design their own 3D models.

Brighthouse | Select Wednesday & Thursday Mornings, 10:30am-12:00pm

SEPTEMBER - DECEMBER 2018 SENIORS DIGITAL PROGRAMS

Program registration opens
September 10 at 10:00am.

Register online at
www.yourlibrary.ca/events
or speak with a library staff
member for more information.

SEPTEMBER - DECEMBER 2018 SENIORS DIGITAL PROGRAMS

▲ **Device Clinic | Adults, Seniors**

Bring in your laptops, smartphones, e-readers and tablets and get I-on-I assistance from a library staff member.

Brighthouse | Tuesdays, 10:30am-12:00pm

▲ **Computer Basics for Seniors | Seniors**

Are you looking to gain or brush up on some basic computer skills? Come for hands-on computer training classes that cover various topics. Join us Sunday afternoons in the Launchpad at the Brighthouse Branch from 2:30pm-4:00pm. Let us help you make sense of it all. For seniors (55+). Registered program.

Please register for each session individually.

Introduction to Computer Parts + Mouse:

Sunday September 23, 2:30pm-4:00pm

Open Office and Keyboard Functions:

Sunday September 30, 2:30pm-4:00pm

Navigating the Internet: Sunday October 7, 2:30pm-4:00pm

Online Safety: Sunday October 14, 2:30pm-4:00pm

▲ **Computer Basics for Seniors PLUS - Windows 10 | Seniors**

Are you looking for that next level in computer basics beyond our current 4-week program? Want to know how to use Windows 10 better, or learn advanced techniques on computer safety?

Come for hands-on computer training classes! Join us Wednesday afternoons in the Launchpad at the Brighthouse Branch from 2:30am-4pm. Let us help you make sense of it all. Registered program. **Please register for each session individually.**

Introduction to Windows 10: Sunday November 18, 2:30pm-4:00pm

File Organization in Windows 10: Sunday November 25, 2:30pm-4:00pm

More Online Safety: Sunday December 2, 2:30pm-4:00pm