

Exploration HUB

what will you create?



September 2019

Photo Editing Digital Crafting Circuitry & Coding 3D Design & Printing

1775 Dove Lane (2nd floor)
Carlsbad, CA 92011
760-602-2038

www.carlsbadlibrary.org
librarian@carlsbadca.gov

Hours*

Monday – Thursday: 10 a.m. – 8 p.m.
Friday & Saturday: 10 a.m. – 4 p.m.
Sunday: 1 p.m. – 4 p.m.

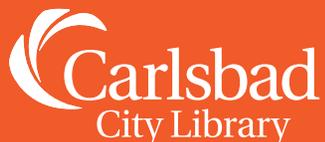
*Exploration HUB is closed during classes shown on the calendar.

Register with your name, email address and valid Carlsbad City Library card at

www.carlsbadca.gov/hub

Classes for ages 13 and up unless otherwise indicated.

All classes in the Exploration HUB are free.



Class descriptions

Arduino – Beginning

Learn about this open-source platform used to build electronics projects; consisting of a programmable circuit board and computer software to write and upload computer code to the physical board.

Arduino – Intermediate

Interested in doing electronics projects with Arduino? Learn how to use LEDs, buzzers, motors, switches and more. This month learn about photo resistors and how they work with Arduino and what you can do with them! Recommended for patrons who have prior experience with Arduino.

Arduino Club

Bring your Arduino or Raspberry Pi and share your skills and any projects you are working on. Get help with selecting parts, creating circuits and debugging your project. All levels welcome.

Coding with Scratch – Beginning

Learn about programming in this beginning coding class using the popular, free online program—Scratch, developed by MIT—to create animations, games and stories

Digital Conversion: Audio & Video

Learn to convert your old VHS tapes, cassette tapes and 8 mm film to digital formats for sharing and saving to the cloud.

Experience Virtual Reality

Learn about different types of virtual reality. Bring your smartphone and receive a cardboard VR viewer to take home.

Final Cut Pro – Beginning

Interested in taking your video editing skills up a notch? Join us for the beginner's class to learn the basics of Final Cut Pro X, the flagship video editing software from Apple.

iMovie – Beginning

Learn the basics of movie editing with iMovie.

iMovie – Intermediate

Enhance your iMovie skills and learn more about movie editing and creating slide shows. Recommended for patrons who have experience using iMovie.

Mac Basics for the HUB

Join us for an overview of the Macintosh operating system and Apple computers in the Exploration HUB. Your new found skills will help you in the other classes offered in the HUB.

Photoshop Elements – Beginning

Learn to edit and improve photos using Photoshop Elements. Topics include using quick & guided modes, black & white photo editing and more.

Raspberry Pi – Beginning

What is a Raspberry Pi? Join us and learn about this low cost, tiny computer that connects to a monitor, keyboard and mouse. This month learn how to connect LEDs and switches to a Raspberry Pi.

Scanner and Photoshop Elements Demo

Preserve your old photos, negatives and slides using our Epson V800 scanner. Get a demo of the photo editing software program, Photoshop Elements.

Silhouette Cameo – Beginning

The Silhouette Cameo cutter makes it easy to create intricate designs out of paper and vinyl. This class will teach you the basics of how to create your design and output it on the cutter.

Tinkercad – Beginning

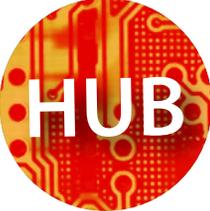
Learn the basics of Tinkercad, an online tool to create 3D designs. Visit www.tinkercad.com to set up an account. Projects created in class will be 3D printed and ready to take home within one week.

Your Memories Preserved

The Exploration HUB offers classes, demos and assistance to help you preserve your memories by converting your photos, slides, negatives, audio, film and video to digital. Classes on editing photos using Photoshop Elements teach how to add text, edit old photos and more.

Calendar 

Exploration HUB Calendar September 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Carlsbad City Libraries Closed for Holiday	3 Your Memories Preserved – Scanner & Photoshop Elements Demo 10–11 a.m.	4 Mac Basics for the HUB 10:30–11:30 a.m.	5 Beginning Silhouette Cameo: Door Knob Hanger 10–11:30 a.m. Teen Beginning Silhouette Cameo: Book Bag 3–4:30 p.m. Beginning Final Cut Pro 6–7 p.m.	6 Beginning Tinkercad 3D Design: Book Page Holder 10:30 a.m.–12 p.m. Beginning Silhouette Cameo: Bookmark 1:30–3 p.m.	7 Family Beginning Arduino 10–11 a.m. Arduino Club 11 a.m.–12 p.m..
8 	9 Your Memories Preserved – Digital Conversion: Audio & Video 10:30–11:30 a.m. Beginning Silhouette Cameo: Football Drink Koozie 6:30–8 p.m.	10 Tween Beginning Tinkercad 3D Design: Puzzle Pieces 3:30–5 p.m.	11 Your Memories Preserved – Beginning Photoshop Elements: Exposure 10–11 a.m. Tween Beginning Silhouette Cameo: Comic Book T-Shirt 3:30–5 p.m.	12 Beginning Silhouette Cameo: Bookmark 10–11:30 a.m. Beginning iMovie 6–7 p.m.	13 Beginning Scratch: Introduction to Coding 10:30–11:30 a.m.	14 Experience Virtual Reality 11 a.m.–12 p.m. Your Memories Preserved – Digital Conversion: Audio & Video 2–3 p.m.
15	16 Mac Basics for the HUB 10:30–11:30 a.m. Beginning Silhouette Cameo: Door Knob Hanger 6–7:30 p.m.	17 Your Memories Preserved - Scanner & Photoshop Elements Demo 10–11 a.m.	18 Beginning Tinkercad: Puzzle Pieces 10:30 a.m.–12 p.m.	19 Beginning Silhouette Cameo: Apron 10–11:30 a.m. Family Intermediate Arduino: Photo Resistor 6–7:30 p.m.	20 Your Memories Preserved – Beginning Photoshop Elements: Exposure 10:30–11:30 a.m. Beginning Silhouette Cameo: Football Drink Koozie 1:30–3 p.m.	21 Family Beginning Scratch: Dance Party 10:30–11:30 a.m.
22	23 Your Memories Preserved – Beginning Photoshop Elements: Exposure 10–11 a.m. Family Beginning Scratch: Dance Party 6–7 p.m.	24 Tween Beginning Tinkercad 3D Design: Puzzle Pieces 3:30–5 p.m. Beginning Silhouette Cameo: Comic Book T-Shirt 6–7:30 p.m.	25 Tween Beginning Silhouette Cameo: Comic Book T-Shirt 3:30–5 p.m.	26 Teen Beginning Silhouette Cameo: Personalized Tumbler 3–4:30 p.m. Family Beginning Raspberry Pi: Circuits 6–7:30 p.m.	27 Beginning iMovie 10:30–11:30 a.m.	28 Family Beginning iMovie 10:30–11:30 a.m. Beginning Final Cut Pro 2–3 p.m.
29	30 Intermediate iMovie: Family Vacation Slide Show 6:30–8 p.m.	<p> ■ Family classes are designed to bring children and parents/guardians together in the HUB. ■ Teen classes are for teens ages 13–19 in grades 7–12 to explore, learn and engage with technology. ■ Tween classes are for children ages 9–14 in grades 4–8 to collaborate with their peers in the HUB. </p> <p>All other classes are for ages 13 and up. A valid Carlsbad City Library card with internet privileges is required to use the HUB.</p>				