

Exploration HUB

what will you create?



March 2020

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. It consists 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. 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

Coding with Scratch – Intermediate

Having fun with Scratch? Learn more about this free online program where you can create animations, games and stories. Recommended for patrons who have prior experience with Scratch.

Digital Conversion: Video

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

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.

Mac Basics for the HUB

Join us for an overview of the Macintosh operating system and Apple computers in the Exploration HUB. Your new 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.

Photoshop Elements – Portrait Retouching

We will demonstrate techniques for retouching portraits. Included will be: blemish removal, wrinkle reduction and adjusting facial features (including eyes, lips, nose, shape of head). Bring your own images on a USB flash drive. Please bring note-taking materials and prepare to have fun!

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, film and video to digital.

Exploration HUB Calendar March 2020

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<p>2 Beginning Silhouette Cameo: Drink Koozie 1:30 – 3 p.m. Beginning Silhouette Cameo: St. Patrick's Day Pint Glass 6 – 7:30 p.m.</p>	<p>3 Beginning iMovie 10 – 11 a.m.</p>	<p>4 Intermediate Photoshop Elements: Transposing 10 – 11 a.m. Beginning Silhouette Cameo: Makeup Bag 1:30 – 3 p.m. Tween Beginning Coding with Scratch 6 – 7 p.m.</p>	<p>5 Tween Beginning Tinkercad 3D Design 3:30 – 5 p.m. Beginning Final Cut Pro 6 – 7 p.m.</p>	<p>6 Beginning Silhouette Cameo: Personalized Apron 10:30 a.m. – 12 p.m.</p>	<p>7 Family Beginning Arduino 10 – 11 a.m. Arduino Club 11 a.m. – 12 p.m.</p>
<p>9 Your Memories Preserved: Intro to Digital Conversion: Audio & Video 10 – 11 a.m. Tween Beginning Coding with Scratch 3:30 – 4:30 p.m.</p>	<p>10 Beginning Silhouette Cameo: Flower Pot 1:30 – 3 p.m.</p>	<p>11 Beginning iMovie: Transitions 1:30 – 2:30 p.m. Intermediate Arduino 6 – 7 p.m.</p>	<p>12 Beginning Silhouette Cameo: Makeup Bag 1:30 – 3 p.m. Experience Virtual Reality 6 – 7 p.m.</p>	<p>13 Beginning Tinkercad 3D Design 10:30 a.m. – 12 p.m.</p>	<p>14 Tween Beginning iMovie 10:30 – 11:30 a.m. Family Beginning Tinkercad 3D Design 1:30 – 3 p.m.</p>
<p>16 Mac Basics for the HUB 10 – 11 a.m. Beginning iMovie 1:30 – 2:30 p.m.</p>	<p>17 Intermediate Photoshop Elements: Portrait Retouching 10 – 11:30 a.m. Intermediate Photoshop Elements: Portrait Retouching 6:30 – 8 p.m.</p>	<p>18 Your Memories Preserved – Scanner and Photoshop Elements Demo 10 – 11 a.m. Beginning Silhouette Cameo: Baby Onesie 1:30 – 3 p.m. Tween Intermediate Coding with Scratch 6 – 7 p.m.</p>	<p>19 Tween Beginning Silhouette Cameo: Flower Pot 3:30 – 5 p.m. Family Intermediate Arduino: Potentiometer 6:30 – 7:30</p>	<p>20 Beginning Silhouette Cameo: Flower Pot 10:30 a.m. – 12 p.m.</p>	<p>21</p>
<p>23 Intermediate Photoshop Elements: Transposing 10 – 11 a.m. Tween Beginning iMovie 3:30 – 4:30 p.m.</p>	<p>24 Beginning Silhouette Cameo: Movie T-Shirt 1:30 – 3 p.m.</p>	<p>25 Your Memories Preserved – Scanner and Photoshop Elements Demo 10 – 11 a.m. Tween Beginning Silhouette Cameo: Personalized Notebook 3:30 – 5 p.m. Beginning Final Cut Pro 6 – 7 p.m.</p>	<p>26 Beginning Silhouette Cameo: Coffee Mug 1:30 – 3 p.m. Your Memories Preserved: Intro to Digital Conversion: Audio & Video 6 – 7 p.m.</p>	<p>27 Beginning Photoshop Elements 10:30 – 11:30 a.m.</p>	<p>28 Tween Beginning Tinkercad 3D Design 2 – 3:30 p.m.</p>
<p>30 Beginning Photoshop Elements 2 – 3 p.m. Beginning Silhouette Cameo: Movie T-Shirt 6 – 7:30 p.m.</p>	<p>31 Beginning Tinkercad 3D Design 10 – 11:30 a.m.</p>	<ul style="list-style-type: none"> ● Family classes are designed to bring children and parents/guardians together in the HUB. ● Teen classes are for teens ages 13–18 or in grades 7–12 who have a valid library card ● Tween classes are for children ages 9–12 or in grades 4–6 who have a valid library card. <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>			

