

Exploration HUB

at the Carlsbad City Library

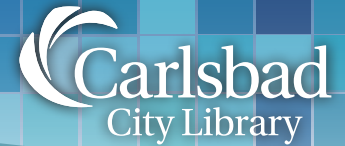


Photo Editing
Digital Crafting
Circuitry & Coding
3D Design & Printing

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

<http://carlsbadca.libcal.com/calendar/HUBclasses>

Classes for ages 13 and up.

All classes in the Exploration HUB are free.

Class Descriptions – July 2017

Arduino – Beginning

You'll put together basic single component electrical circuits, learn about analog and digital, input and output, and basic programming concepts. This class is truly designed with the beginner in mind and serves as a great introduction to the world of physical computing.

Arduino – Intermediate

Learn how to use LEDs, buzzers, motors, switches and more. We will choose a different project each week, or you can work independently using our Arduino kits.

Recommended prerequisite: Beginning Arduino

Graphic Design: Adobe Illustrator (4-part class)

Adobe Illustrator is the industry-standard vector graphics software, used by designers and illustrators to create digital graphics, logos, illustrations, and original typography. Learn how to bring your creative ideas to life using this powerful illustration program. You will be taught how to use the Pen Tool, the central tool for Adobe Illustrator. Then we will branch out to the other tools demonstrating how they all work together.

Class dates: July 10, 17, 24 & 31

iMovie – Beginning

Learn the basics of movie editing with iMovie.

Photoshop Elements – Beginning

Learn how to edit and improve photos. We will use sample images, but you may bring your own photos on a USB drive if you would like to practice at the end of class.

Photoshop Elements – Intermediate: Text & Graphics

Learn how to add text and graphics to your photos. For example, you can use text on a photo to serve as a title image in a photo book. You can add arrows and circles to draw attention to specific items in a photo (e.g. to highlight a person's face in a group photo). Bring your own images on a USB flash drive or use our sample images.

Mac Basics for the HUB

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

Raspberry Pi – Beginning

Interested in using a Raspberry Pi but don't know where to start? This class will teach you the basic of setting up a Raspberry Pi computer as well as how to find and add programs. Recommended background: Basic Windows or Macintosh computer skills.

Scanner and Photoshop Elements

If you're like most people, you have a stack of photos, slides and negatives you'd like to digitize and organize. Join us for this introductory class on using the Epson scanner to scan photos, slides, and negatives, followed by a demonstration of using Photoshop Elements to edit and enhance photos.

Silhouette Cameo – Beginning

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

Silhouette Cameo – Intermediate

Join us for an intermediate class on the Silhouette Cameo cutting tool and Studio design software. We will choose a different project each week.

Recommended prerequisite: Beginning Silhouette Cameo

Tinkercad – Beginning

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

VHS to Digital Conversion Demonstration

Join us for a demonstration of the software and equipment used to convert your personal VHS tapes to a digital format.

Calendar ↓

July 2017 Exploration HUB Calendar

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

Tween classes are ONLY for kids in grades 4-8.
 Teen classes are ONLY for teenagers in grades 6-12.
 Family classes are for kids (ages 8 and older) and a parent.
 Valid Carlsbad City Library card with internet privileges is required for all attendees.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3 Beginning iMovie 11:30 a.m. – 12:30 p.m.	4 All Carlsbad City Libraries closed	5 Beginning Tinkercad for Tweens 2 p.m. – 3 p.m. Beginning Photoshop Elements 6:30 p.m. – 7:30 p.m.	6 Scanner & Photoshop Elements 10 a.m. – 11 a.m. Family Beginning Arduino 6:30 p.m. -7:30 p.m.	7 Beginning Silhouette Cameo: Address Labels 10 a.m. – 11 a.m. Intermediate Silhouette Cameo: Luggage Tag 1 p.m. – 2:30 p.m.	8 Beginning Photoshop Elements 2 p.m.- 3 p.m.
9 Family Beginning Tinkercad 2 p.m. – 3 p.m.	10 Beginning Arduino 2 p.m. – 3 p.m. Graphic Design: Adobe Illustrator (1 of 4) 6:30 p.m. – 7:30 p.m.	11 Family Beginning Cameo 11 a.m. – 12 p.m. Beginning Photoshop Elements 6:30 p.m. – 7:30 p.m.	12 Mac Basics for the HUB 10 a.m. – 11 a.m. Beginning Silhouette Cameo for Teens 2 p.m. – 3 p.m.	13 HUB closed until 11:00 a.m. for staff training Intermediate Arduino: Shift Register 6 p.m. – 7 p.m.	14 Intermediate Silhouette Cameo: Personalized Pot Holder 10 a.m. – 11:30 a.m.	15 Family Beginning iMovie 2 p.m. – 3 p.m.
16 Family Beginning Silhouette Cameo 2 p.m. – 3 p.m.	17 Beginning Silhouette Cameo 3 p.m. – 4 p.m. Graphic Design: Adobe Illustrator (2 of 4) 6:30 p.m. – 7:30 p.m.	18 Intermediate Photoshop Elements: Text & Graphics 10 a.m. – 11:30 a.m. Beginning Arduino 3 p.m. – 4 p.m.	19 Beginning Silhouette Cameo for Tweens 2 p.m. – 3 p.m. Family Beginning Tinkercad 6:30 p.m. – 7:30 p.m.	20 Scanner & Photoshop Elements 11:30 a.m. – 12:30 p.m. Beginning Raspberry Pi 6:00 – 7:30 p.m.	21 Intermediate Silhouette Cameo: Personalized Canvas Pouch 10 a.m. – 11:30 a.m.	22 VHS to Digital Conversion Demonstration 2 p.m. – 3 p.m.
23 Family Beginning Photoshop Elements: Fun Edits 2 p.m. – 3 p.m.	24 Beginning iMovie 3 p.m. – 4 p.m. Graphic Design: Adobe Illustrator (3 of 4) 6:30 p.m. – 7:30 p.m.	25 Intermediate Photoshop Elements: Text & Graphics 10 a.m. – 11:30 a.m. VHS to Digital Conversion Demonstration 6:30 p.m. – 7:30 p.m.	26 Mac Basics for the HUB 10 a.m. – 11 a.m. Beginning Tinkercad for Teens: 2 p.m. – 3 p.m.	27 Beginning Raspberry Pi 2 p.m. – 3:30 p.m. Intermediate Arduino: DC Motor 6 p.m. – 7 p.m.	28 Intermediate Silhouette Cameo: Custom Magnet 10 a.m. – 11:30 a.m. Family Beginning Silhouette Cameo 1 p.m. – 2:30 p.m.	29 Family Beginning Tinkercad 2 p.m. – 3 p.m.
30	31 Beginning Tinkercad 3 p.m. – 4 p.m. Graphic Design: Adobe Illustrator (4 of 4) 6:30 p.m. – 7:30 p.m.					