

Exploration HUB

September 2023

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Closed on Sunday					1	2
	4 Carlsbad City Libraries Closed for Labor Day	5	6 Arduino: Musical Keyboard 5 – 6:30 p.m.	7 Exploration HUB Closed for Equipment Upgrade	8	9
	11 Silhouette Cameo: Sticker 5 – 6:30 p.m.	12	13 Photo Scanner Demo 11:30 a.m. – 12:30 p.m.	14	15	16
	18 Teen Silhouette Cameo: Sticker (Grades 7-12) 4 – 5:30 p.m.	19 Digital Conversion Demo: VHS tapes, Super 8 and more 5 – 6 p.m.	20	21	22	23
	25	26	27 Tinkercad 3D Design: Pencil Holder 5:30 – 6:30 p.m.	28 Photo Scanner Demo 3 – 4 p.m.	29	30 Digital Conversion Demo: VHS tapes, Super 8 and more 1:30 – 2:30 p.m.

Exploration HUB

Learn • Collaborate • Create

September 2023

Monday – Thursday:

11 a.m. – 6:30 p.m.

Friday & Saturday:

11 a.m. – 4:30 p.m.

Exploration HUB Website:

www.carlsbadca.gov/hub



1775 Dove Ln.
Carlsbad, CA 92011
Located on the 2nd floor
442-339-2039
explorationhub@carlsbadca.gov

Register for class:

www.carlsbadca.libcal.com/calendar/HUBclasses



Exploration HUB Closure Dates

The Exploration HUB will be closed Monday, September 4 in observance of Labor Day and Thursday, September 7 for equipment upgrades.

Class Schedule

- All classes are for patrons ages 13 and older unless otherwise indicated.
- Registration is required.

Arduino: Musical Keyboard

9/6/2023 5 – 6:30 p.m.

Electronics projects can be musical. Learn how to make different tones on the Arduino and get hands on experience with uploading computer code to the Arduino circuit board. No prior experience required. Arduino kits will be provided.

Silhouette Cameo: Sticker

9/11/2023 5 – 6:30 p.m.

Silhouette Cameo allows you to create personalized designs that can be cut on vinyl, heat transfer vinyl or cardstock. Learn how to use the offset tool to make a 3 layered custom sticker. No prior experience required. Supplies will be provided.

Photo Scanner Demo

9/13/2023 11:30 a.m. – 12:30 p.m. or 9/28/2023 3 – 4 p.m.

Learn how to use the Epson V850 scanner and software to digitize negatives, slides and photos.

Teen Silhouette Cameo: Sticker (Grades 7-12)

9/18/2023 4 – 5:30 p.m.

Teens in grades 7-12 can learn how to use the Silhouette Cameo cutter and Studio software to make a 3-layered custom sticker using the font tool and offset tool. No prior experience required and supplies will be provided.

Digital Conversion Demo: VHS tapes, Super 8 and more

9/19/2023 5 – 6 p.m. or 9/30/2023 1:30 – 2:30 p.m.

Learn how to convert old VHS tapes, Super 8 and 8 mm reels, mini DV tapes or Hi8 tapes to .mp4 files using various equipment and software.

Tinkercad 3D Design: Pencil Holder

9/27/2023 5:30 – 6:30 p.m.

Step into the world of 3D design. Learn how to create a pencil holder using the shape tool and grouping tool. No prior experience required and projects created in class will be 3D printed and ready to pick up to take home within one week.

Coding
& Circuitry

Photo & Video
Digitization

3D Printing
& Design