# Exploration HUB

# August 2023

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|---|---|---|
| | | **1** ★<br>Teen Arduino: Keyboard Instrument (Grades 7-12)<br>5 – 6:30 p.m. | **2** | **3** | **4**<br>**Last Day of Summer Reading Adventure** |
| **7**<br>Digital Conversion Demo: VHS tapes, Super 8 and more<br>5:30 – 6:30 p.m. | **8**<br>Silhouette Cameo: Paper Quilling<br>5 – 6:30 p.m. | **9** | **10** | **11** | **12** |
| **14** | **15** | **16**<br>Photo Scanner Demo<br>11 a.m. – Noon | **17** | **18** | **19**<br>Beginning Arduino<br>Noon – 1 p.m. |
| **21** | **22** | **23**<br>Tinkercad 3D Design: Puzzle Pieces<br>5 – 6:30 p.m. | **24** | **25** | **26**<br>Digital Conversion Demo: VHS tapes, Super 8 and more<br>2:30 – 3:30 p.m. |
| **28** | **29**<br>Photo Scanner Demo<br>5:30 – 6:30 p.m. | **30** | **31** | | |

★ Summer Reading Adventure class

# Exploration HUB
## Learn • Collaborate • Create

---

**Monday – Thursday:**
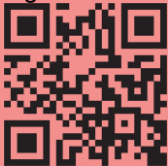11 a.m. – 6:30 p.m.
**Friday & Saturday:**
11 a.m. – 4:30 p.m.

Exploration HUB Website:
www.carlsbadca.gov/hub

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

Register for class:

---

### Learn something new!

Access Creativebug with your Carlsbad City Library card. It has free online videos on a variety of topics from sewing, baking, knitting and jewelry making.

www.carlsbadca.gov/eresources
Find Creativebug under College and eLearning.

---

## Class Schedule

**Classes are free and for ages 13 and up unless otherwise indicated. Registration required.** carlsbadca.libcal.com/calendar/HUBclasses

### Summer Reading Adventure Class ★

### Teen Arduino: Keyboard Instrument (Grades 7-12) ★
8/2/2023 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. Arduino kits will be provided.

### Digital Conversion Demo: VHS tapes, Super 8 and more
8/7/2023 5:30 – 6:30 p.m. **or** 8/26/2023 2:30 – 3:30 p.m.
Learn how to convert old VHS tapes, Super 8 or 8mm reels, mini DV tapes or Hi8 tapes to .mp4 files using various equipment and software.

### Silhouette Cameo: Paper Quilling
8/8/2023 5 – 6:30 p.m.
Silhouette Cameo, a digital die cut machine allows you to create personalized designs that can be cut on vinyl, heat transfer vinyl or cardstock. Learn about paper quilling and make quilling supplies with the Silhouette to create a piece of art. No prior experience necessary. All supplies are provided.

### Photo Scanner Demo
8/16/2023 11 a.m. – noon **or** 8/29/2023 5:30 – 6:30 p.m.
Learn how to use the Epson V850 scanner and software to digitize your negatives, slides and photos.

### Beginning Arduino
8/19/2023 Noon – 1 p.m.
Interested in circuitry, coding and electronics? Get hands on experience with the Arduino circuit board and learn how to upload computer code to it. No prior experience necessary and Arduino kits will be provided.

### Tinkercad 3D Design: Puzzle Pieces
8/23/2023 5 – 6:30 p.m.
Step into the world of 3D design. Learn how to design puzzle pieces by manipulating shapes and creating holes. No prior experience required. Projects will be 3D printed and ready to pick up to take home within a week.

## Carlsbad
### City Library