

# Rank in order of preference 1-4 (one being first choice)

**Arduino Coding** *For ages 8+ due to fine motor skill requirements.* Participants will get a hands on experience with coding, using the Arduino Micro-controller and programming environment as they explore the applications of coding! With a variety of options for projects, there is something for everyone, no matter their coding experience. The equipment at this station is easily found at many common stores and is within a reasonable price range to allow families to continue to learn at home. Additionally, information about many free tools will be provided in order to provide multiple pathways for families to continue the experience.



**Video Game Design** *Appropriate for all ages.* Participants will get to explore what it means to be a video game designer in this hands on workshop! Using the Bloxels app, participants will work on designing their first ever video game as they explore the fundamentals of successful video game design. The app at this station is completely free to download on all mobile devices, making it ideal for continued learning at home.



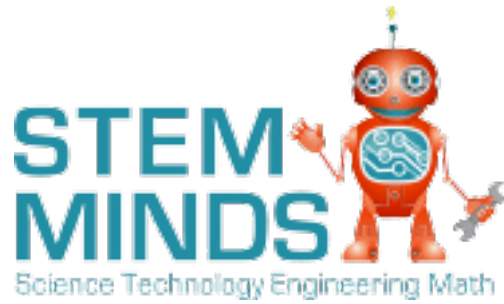
**STEM Challenge** *Appropriate for all ages.* Enjoy solving problems? Participants will get hands on with a STEM challenge! Using limited materials, participants will be challenged to design and build a working catapult with the option to participate in our competition zone to put their creation to the test or participate in a variety of other challenge stations to see just what they can do. The materials used at this station are very inexpensive and found in most homes. The goal of this station is to show how many options there are for awesome STEM activities if you just get a little bit creative.



**Robotics** *Appropriate for all ages.* Participants will learn the fundamentals of coding and robotics using a variety of platforms in a hands-on environment. Working through a variety of challenges designed to teach new skills, participants will be inspired to realize how many ways there are to approach a problem and that coding can be fun and easy. A variety of robots will be used at this station to accommodate users of differing skill levels. The robots used during this workshop are easily found at many common stores and are within a reasonable price range to allow families to continue learning at home.



FEB  
8



## Sign up now to attend FREE workshop at SJC!

Come experience first hand how STEM (science technology engineering and math) learning is being incorporated into curriculum. Bring your kids, ask questions, make mistakes, get messy and have fun while learning something new.

**Thurs. Feb. 8, 2018  
Family Workshops**

**(kids welcome with adult accompaniment)  
Event sponsored by SJC Catholic School Council  
Funded by Parents Reaching Out Grant**

**Step One: Choose how many sessions you wish to attend**

- BOTH 6:30-7:30pm & 7:30-8:30pm
- 6:30-7:30pm ONLY
- 7:30-8:30pm ONLY

**Step Two: Rank Workshop Choices 1-4 — See back**

**Step Three: Enter contact information**

Name: \_\_\_\_\_

email: \_\_\_\_\_

Number of adults attending: \_\_\_\_\_

telephone #: \_\_\_\_\_

Number of children attending: \_\_\_\_\_

Age of children attending: \_\_\_\_\_

**Forms must be returned by January 25th**

