



**2019-2020**

## **Extracurricular Offerings**

Please contact Mrs. Malone at [cmalone@d181.org](mailto:cmalone@d181.org) with any questions.

## Tech Bootcamps

If you're interested in being a classroom's go-to techie, consider joining our Tech Bootcamps. For 3 days, you'll come to the library instead of recess and learn the ins and outs of a tech tool. You'll leave knowing that you can help your classmates and yourself create better projects that show what you know.

Bootcamps are offered for students in grades 1-5 and are limited to 16 students. You can sign up for more than one session, but participants will be chosen by lottery if more than 16 students register. Older and younger students will be paired together so they can provide assistance to each other during bootcamp. School iPads will be used.

Because these sessions are so short and cover a lot of information, it is very important that you do not miss a session. If you know you will not be able to make it, please do not sign up for that session. You will receive the technology instruction throughout the school year.

A registration link will be sent to parents via email on September 5. Registration for all sessions will end on September 11 at 11:59 pm. There will be no late registrations unless sessions are not full on 9/11. Parents will be emailed about class assignments by 9/13.

**Session 1: Keynote**                      Tuesday 9/17, Wednesday 9/18, Thursday 9/19

Keynote is more than a presentation tool for slideshows. Students can animate and draw their own work, even turning their learning into a simple movie.

**Session 2: DoInk Green Screen**    Tuesday 9/24, Wednesday 9/25, Thursday 9/26

The same technology that makes the TV meteorologist appear in front of a map can be used for all sorts of fun projects with DoInk.

**Session 3: Apple Clips**                      Tuesday 10/1, Wednesday 10/2, Thursday 10/3

Clips allows students to create videos with posters, labels, music, and voiceovers. It's easy to learn but creates sophisticated short films.

**Session 4: iMovie**                              Tuesday 10/8, Wednesday 10/9, Thursday 10/10

iMovie is more sophisticated than Clips and allows more detailed editing in video creation.

**Session 5: Stikbots**                            Tuesday 10/15, Wednesday 10/16, Thursday 10/17

The Stickbots app records stop-motion animation. Your student will learn how to create in the Stikbot app and then import it into Clips and iMovie to voice over their creation.

**Session 6: Bloxels**                            Tuesday 10/23, Wednesday 10/24, Thursday 10/25

Bloxels is a video game creation app. Students will learn how to tell stories by creating their own video game.

## STEAM Workshops

STEAM Workshops are short-term after school clubs in which students will create cool projects that require STEAM skills. One STEAM workshop will be offered per month in October through April. The clubs will meet the first 2 Tuesdays and Thursdays of each month from 3:05-4:05pm. Workshop size and grade levels vary. If more students register than we can accommodate, a lottery will be held to fill the spots.

A registration link will be sent to parents via email in early in the month prior to each workshop. Registration for each session will close on the 15th of that month, and parents will be notified of class enrollment by the 20th.

**October Workshop: Moon Landing Robotics (Grades 3-5)**                      October 1, 3, 8, 10

Use Lego WeDo Robotics kits to design and build a moon rover and learn about life in space. For grades 3-5. Class capacity = 16.

**November Workshop: Sew and Glow (Grades 1-5)**                      November 5, 7, 12,14

Design and make your own light-up backpack or plush monster. For grades 1-5. Class capacity = 12.

**December Workshop: Lego WeDo Robotics (Grades K-2)**                      December 3, 5, 10, 12

Use Lego WeDo Robotics kits to design and build a moon rover and learn about life in space. For grades K-2. Class capacity = 16.

**January Workshop: Video Game Storytelling (Grades 3-5)**                      January 7, 9, 14, 16

Tell a story by creating a video game. Design the characters, the setting, and the quest. For grades 3-5. Class capacity = 16.

**February Workshop: Video Game Storytelling (Grades K-2)**                      February 4, 6, 11,13

Tell a story by creating a video game. Design the characters, the setting, and the quest. For grades K-2. Class capacity = 16.

**March Workshop: Fort Building (Grades K-5)**                      March 3, 5, 10, 12

Build forts of all shapes and sizes to provide a variety of functions for a variety of inhabitants. For grades K-5. Class capacity = 16.

**April Workshop: 3D Printing for Good (Grades 3-5)**                      April 7, 9, 14, 16

Use Tinkercad 3D modeling software and a 3D printer to create objects that solve problems. For grades 3-5. Class capacity = 16.

# Maker Clubs

Looking to go deep into a STEAM topic? Join one of our three Maker Clubs. Maker Clubs are 10 to 12 weeks long and meet once a week either before school or during recess. Club size and grade levels vary. If more students register than we can accommodate, a lottery will be held to fill the spots.

A registration link will be sent to parents via email in early in the month prior to the start of each club. Registration for each club will close at midnight, 2 weeks prior to club kick-off. Parents will be notified of enrollment 1 week prior to club kick-off.

## **Fall Maker Club: Photography**

Learn to take stunning photographs using your iPad. Discover the role of light, action, and composition in photo making. For grades 1-5. Meets Thursday mornings at 8:00 from October 3 through December 12. Club capacity = 25

## **Spring Maker Club 1: Wonder Workshop Robotics K-2**

Program our Dot & Dash robots to complete a progressive series of open-ended challenges. For grades 1-2. Meets Tuesdays during recess from February 11 through April 21. Club capacity = 24

## **Spring Maker Club 1: Wonder Workshop Robotics 3-5**

Program our Dot & Dash robots to complete a progressive series of open-ended challenges. For grades 3-5. Meets Thursdays during recess from February 13 through April 23. Club capacity = 24