

Technology Highlights

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Get in the Holiday Spirit

Learn to craft thoughtful gifts for your loved ones at your local library. Already have the perfect gifts? Why not give them something more that they'll really appreciate...quality time together! Take a class and learn something new that you can share!

Knit It Level 1: The Knit Stitch

Orlando Public Library

Monday, December 5, 10:00 a.m.

Monday, December 19, 10:00 a.m.

Wednesday, December 28, 10:00 a.m.

Start knitting today! Create a unique bookmark in your choice of color. Learn casting on, the knit stitch and binding off.

Basic Sewing: Holiday Gift Bags

Orlando Public Library

Wednesday, December 21, 1:30 p.m.

Friday, December 23, 9:30 a.m.

Impress that special someone in your life by wrapping their gift in a handmade gift bag! They are fast and easy to make and each one is unique. Learn seam construction and interfacing techniques in this project class.

Basic Sewing: Holiday Stockings

Orlando Public Library

Tuesday, December 20, 1:30 p.m.

Wednesday, December 21, 9:30 a.m.

Stockings are a must-have for the holidays. Use a simple pattern and your imagination to create a custom stocking for yourself or as a gift. Learn some basic lining and cuff sewing techniques.

WhizKids: Write a Letter to Santa

Windermere Branch

Wednesday, December 7, 4:30 p.m.

Orlando Public Library

Saturday, December 10, 11:15 a.m.

Inspire your child to develop a passion for writing. Students will type text and insert graphics in a basic letter while enhancing their typing skills. They will recognize parts of a letter and use common editing tools in Microsoft Word to illustrate creative writing techniques. Ages 6–8.

WhizKids: Create a Holiday Greeting Card

Windermere Branch

Wednesday, December 14, 4:30 p.m.

Orlando Public Library

Wednesday, December 21, 3 p.m.

Personalize your holiday! Custom design your greeting cards with graphics and text. Become familiar with the Publisher environment, explore pre-defined templates and formatting options. Windermere Branch event ages 6–8. Orlando Public Library event ages 9–12.

Create a Holiday Greeting Card Using Publisher

Orlando Public Library

Sunday, December 11, 2 p.m.

Custom design your greeting cards with graphics and text. Become familiar with the Publisher environment, explore pre-defined templates and formatting options.

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Discover a New PLANET!

Visit the new PLANET (Play and Learn Area for New Education Technology) at the Washington Park Branch to embark on new virtual voyages. These short, 30-minute workshops will demonstrate how to navigate through the virtual world.

App Art: Winter Holidays

Washington Park Branch

Tuesday, December 20, 11:30 a.m.

'Tis the season to be drawing! Color festive scenes and even bring some of them to life with augmented reality. Ages 6–8.

Interactive Greeting Cards

Washington Park Branch

Thursday, December 22, 4:30 p.m.

Create and keep an interactive holiday card! Ages 11–17.

Fun with Disney Apps

Washington Park Branch

Wednesday, December 28, 2:30 pm.

"For the first time in forever" go to Disney at the library with awesome apps created by the happiest developers on earth. Ages 11–17.

Get with the Program: Hour of Code

Join the global movement! December 5–11 is Computer Science Education Week. What better way to celebrate than participating in an Hour of Code event? Find out more about coding and get an introduction to computer science in these fun classes.

WhizKids: Basic Coding with JavaScript

Alafaya Branch

Wednesday, December 7, 4:30 p.m.

Orlando Public Library

Saturday, December 10, 1 p.m.

Write real code. Explore JavaScript with characters from Star Wars in an Hour of Code tutorial. Ages 10–12.

Python Programming

Orlando Public Library

Wednesday, December 7, 6:30 p.m.

Alafaya Branch

Thursday, December 8, 6:30 p.m.

Create a program with Python, an easy-to-learn programming language. Assign variables, input data and develop calculations to make an interactive application.

WhizKids: Introduction to Coding with Dash Robots

Alafaya Branch

Thursday, December 8, 4:30 p.m.

Learn the basic concepts of computer code with Dash the robot. Program your robot to talk, flash lights and run around the library! No prior coding or robotics knowledge needed. Ages 6–12.

JavaScript Fundamentals

Orlando Public Library

Tuesday, December 6, 10 a.m.

Alafaya Branch

Friday, December 9, 2:30 p.m.

Develop interactive web pages with rich media content. Learn the fundamentals of JavaScript and useful techniques to bring static web pages to life.

WhizKids: Basic Coding

Alafaya Branch

Wednesday, December 7, 3 p.m.

Orlando Public Library

Friday, December 9, 4 p.m.

Come on a coding adventure! Join the Foos to solve problems using visual code. Walk, jump and build your way to the finish. Ages 6–8.

WhizKids: Coding with the Ozobots®

Alafaya Branch

Saturday, December 10, 10:30 a.m.

Learn the basics of coding and computer programming using a miniature Ozobot® robot. No prior coding knowledge needed. Ages 9–12.

Featured Classes

ocls.info/classes

More Things to Make

The Melrose Center offers more classes than ever to help you get creative. Register for one of these new classes today to make the most of your project.

Papermaking

Melrose Center

Create beautiful paper for stationary, invitations and gifts. Learn to recycle paper using household items and a dip handmold. Take your unique paper creations home to enjoy at the end of class.

Crafting with Electronics

Melrose Center

Ever wanted to introduce electronics to your craft projects? Explore the Fab Lab in this class which features a hands-on introduction to making. Create a simple seasonal project while exploring some of the basics of electronics and maker tools.

Make Some Noise

Melrose Center

Get the best recording of your piano performance. In the Studio Recording Techniques: Piano class, learn how a piano works and practice proper microphone placement to avoid phasing issues.

Making Faces

Melrose Center

In the Acting for the Camera Level 1 class, get an introduction to the basic techniques of warming up, body Language and on-camera vocal technique. Become familiar seeing and hearing yourself on camera as well as practicing the best techniques to communicate a story to your audience.

Melrose Creative Expo

Voice Your Opinion: Vote!

It's not too late to cast your vote for the next Melrose Award winner, who will be announced at the Melrose Creative Expo on February 11, 2017. Visit ocls.info/melroseawards to find out how you can make your voice count.

Melrose

ocls.info/melrose

For more information, visit ocls.info/melrose or call 407.835.7323.

'Tis the Season for Gift Giving!

Our experts chime in on the must have items for the creative person on your list. Share a gift with a friend and then bring them to a class to learn how to use their new gadgets. Register today!

Winnie's Top 5 Must Give List

1. Selfie remote (like the Muku Shuttr) so the photographer can be in the photos too!
2. Camera lens mug—photographers need coffee on the run.
3. Bokeh kit for those special lighting effects.
4. Digital photo frame—every photographer needs somewhere to share all those special photos.
5. Instant film camera (like the Fujifilm Instax Mini 90 Neo Classic) to get those special moments on film instantly!

The Melrose Audio Engineers' Must Haves

1. Studio lighting (like the Phillips Hue Lighting System) can go a long way to set the mood for your creativity and keep you productive in your home studio.
2. Furniture can make your workflow easier and make a comfortable and ergonomic studio. Try Argosy Console Desks.

3. Purchase an editor mouse, or if you spend the majority of the time in one DAW, buy an editor keyboard and get comfortable with the quick keys.
4. Improve your listening environment with acoustic treatment, or if you mix on headphones, invest in some high-quality headphones to make your mix perfect.
5. If you have been eyeing some key plugins all year, the holiday shopping season is a great time to get them. There are always find good Black Friday and Cyber Monday specials from your favorite retailers.

Jennifer's Fab Five Gift List

1. A microcomputer, such as Raspberry Pi, or microcontroller, such as Arduino. Pick up a kit when you are first starting to allow yourself to experiment and play.
2. Get a good set of hand tools, including pliers, assorted screwdrivers and wire cutters. They are the foundation of most maker projects.
3. A soldering iron. If you are working with electronics, look for one that has a range of 25–30 watts. Also, pick up solder, solder wick (we all make mistakes!) and a holder.
4. Assorted electronic components, including resistors, LEDs, capacitors and transistors and lengths of copper wire. It's always best to have the fundamentals on hand.
5. Sewing machine and conductive thread—sometimes you need the flexibility that fabric and thread can bring.

Leisy's Must Give List for the Coder

1. Dash and Dot Robots are great fun for kids!
2. Robot Turtles for the little ones too!
3. littleBits and Ozobots can help you learn the basics.
4. UI Stencils Responsive Sketch Pad can help you visualize how your site will look on mobile devices.
5. UX Kits Website Decks are great for mapping out your site.