

Intro to Photography/Photoshop - 2 semester class

In Photography/Photoshop students will learn:

- Camera functions
- Exposure control
- Elements of light
- Take pictures with DSLR cameras
- How to use Photoshop tools correctly including: Move, Marquee, Lasso, Quick Selection and Magic Wand, Healing tools, Clone Stamp, and Gradient tool among others.
- How to select different part of images using a variety of selection tools.
- How to identify and download other brushes and fonts into Photoshop.
- What layers are and how to blend them together to get the desired outcome.
- How to mask in layers to take out parts of unwanted images.
- How to use Photoshop to retouch and color correct.
- Lots of projects

Intro to Web Design/Code.org Discoveries - 2 semester class

In Web Design students will:

- Learn the attributes of good web design
- Learn HTML to create a functional web page
- Create websites using global, local, and bookmark links
- Insert images into their websites
- Describe the steps of web site planning and implementation
- Learn effective ways to layout and navigate a website
- Learn Cascading Style Sheets (CSS)
- Create websites with Dreamweaver and various other web editors

In CS Discoveries students will:

- Learn different problem-solving techniques.
- Learn how to code with variables.
- Use sprites to create different scenes.
- Learn how to make objects move using loops and conditionals.
- Will create a game using the Game Design Process.
- Learn about innovations in computing.
- Use the Circuit Playground using small circuit boards.
- Learn how to program the circuit boards to light LEDs
- Learn how to create buttons.
- Explore Analog sensors.
- Learn how to program sounds.
- Learn to use functions with parameters.
- Create, Create, and Create some more!