

# Curriculum Corner

Phone: 781-934-7604

email: [lhunter@duxbury.k12.ma.us](mailto:lhunter@duxbury.k12.ma.us)

Twitter: DuxAsstSuper

## *Hour of Code*

Computer Science Education Week is celebrated annually during the week of December 9 in honor of the birthday of Admiral Grace Murray Hopper, a pioneer in computer engineering. The Hour of Code focuses on exploring the world of computer coding. Large technology companies including Microsoft, Google and Apple joined forces to provide resources and activities to illustrate the power and simplicity of computer coding. Why? Our 21<sup>st</sup> century world creates a high priority need for the skill. There is an expectation that by 2020, a shortage of trained coders will create high demand in the job market for those with this background and training. An overview of the Hour of Code philosophy is located at <http://csedweek.org>.

Students across all of our schools will participate in the Hour of Code in age appropriate ways. Our youngest students will complete the models either in the lab or in their classrooms. Alden students will visit the computer labs to utilize the online activities. The middle and high school students will spend an hour of their homework in coding activities. The theme throughout these activities is a simple, fun, engaging process to experience various types of computer code. The activities themselves can be found at <http://csedweek.org/learn>.

The Duxbury Public Library will also participate in the Hour of Code events next week. Students can enjoy activities to promote logical thinking and computational skills. Please stop by!

This week aligns with several of our district-wide plans including our Strategic Plan and Technology Plan. Links to those plans are listed below:

Strategic Plan:

<http://www.duxbury.k12.ma.us/cms/lib2/MA01001583/Centricity/Domain/4/strategicplankeynote.pdf>

Technology Plan:

<http://www.duxbury.k12.ma.us/cms/lib2/MA01001583/Centricity/Domain/30/TechPlan-12-17.pdf>

## *Hour of Code Activities*

• • •

Drag and Drop  
Programming

Introduction to  
Javascript

Super-basic  
programming

Programming language  
Python

Make your own apps

Build your own game