

## Darien schools join world-wide event

Dynamic presenters, programmable robots, and endless opportunities to experiment and tinker will

The Darien Public Schools (DPS), along with millions of students in more than 180 countries, will be coding, and has evolved into a worldwide celebration of computer science. For students, it also encourages Instructional Technology.

Library Media Specialists, Computer teachers, administrators, students, classroom staff, and school activities being planned at each school:

**DHS** - Hour of Code will be held on Wednesday, December 6th during all school periods in the day from watching video tutorials on the *Hour of Code* site, “play” in the Makerspace with various hands and Programming Club students.

**MMS** - All students are invited to an after school (2:30-3:45) Code.org Event on Tuesday, December coding during the week in their computer class.

**Hindley** - Hour of Code Week brings unique opportunities to Hindley School each year. We are buddies meet at coordinated times and locations throughout the school during the course of the entire designed to build fundamental coding language. We create Gingerbread Escape Routes and solve “I with Ozobots, Scratch Coding from MIT, and Finch Coded Robots from Carnegie Mellon. This year University.

**Holmes** - The students at Holmes school will be participating in Hour of Code in partnership activities able to use the activities on the Code.org site. In addition to using the Code.org site, there will be so on the Code.org activities.

**Ox Ridge** - *“Computer science is changing every industry on the planet. Every 21st-century student help nurture creativity and problem-solving skills to prepare students for any future career.”* -Hour and 11th. Leading up to our whole school Hour of Code Days, all students in grades k-2 are working Code and Go Mice, a Cubetto (storytelling with coding), and working on coding games from Hour of for their buddy programming day. The training includes revving students up for their Hour of Code an appropriate and fun coding activity for their younger buddies. Students from DHS will also be working with first grade students in their library classes in order to supplement their coding work v our Hour of Code Days. The library space will also have littleBits Code kits, Cubelets, and a Dash Robot

**Royle** - Royle students (K-5) will learn about computer programming through online tutorials and “thon”, Wednesday, December 6. Students will celebrate their love of coding while giving back to the “Emerging Technology and Computer Science Resources” for the library.

**Tokeneke (pictured above)**- All students in grades K - 5 will participate in the schoolwide Hour of Code.org site. The younger student (driver) will be paired with an older student (navigator). The younger needed. After 25 minutes, the younger grades will return to class and the older students will be able will have the opportunity to work with the littleBits™ code kits to create programmable circuits using

*For questions about this publication, please contact Marc Marin, Director of Instructional Technology*

---

l be available for students across the district early this month.

gain be joining the Hour of Code. The Hour of Code started as a way to get students interested in ourages problem-solving and creativity - all while having some fun, said Marc Marin, Director of

l-based PTOs have coordinated a variety of events for this year. The following are some of the

: Students will have the option to do several things in any given time slot. They can practice coding lson activities, or attend a session on Python, Java, Arduino, or Game Design presented by iTeam

er 5th in the Media Center. Computer classes in the 7th and 8th grade will be programming and

roud to recognize that every teacher and student participates in this international event! Our tech ire week. In addition, classes will participate in “unplugged” activities in the library that are Elf-O-Rithms”. Furthering the theme, library visits provide the opportunity to explore Color Coding r we will be submitting our ideas and questions directly to researchers at Carnegie Mellon

ities. The younger students will be paired with an older student as a coding buddy and they will be me activities in the library that will offer students “unplugged” centers as well as continuing work

ent should have the opportunity to learn how to create technology. Computer science concepts also urofcode.com. We will provide a whole school paired programming experience on December 4th g on hands on coding activities during their fixed classes. These activities include coding Bee-Bots, code.com. Students in grades 3-5 are visiting the library for “coding training” in order to prepare of days, explaining the difference between “driver” and “navigator”, and asking students to choose oining in to help students with programming. A guest speaker from COMPUCHILD of Fairfield is with more hands on activities. We are also inviting Sarah Judd, from Girls Who Code, to join us for bot available for exploration.

exploring hands-on activity stations around the library. The Kids Care Club is hosting a “Code-a- community. Sponsors will give donations for each line of code written. Proceeds will support

Code event on December 1st. Students will be pair programming using the activities on the unger student will write code while the older student offers assistance and suggestions when to practice code writing on their own. During the week of December 4th, students in grades 4 - 5 ng the littleBits™ app on their Chromebooks.

---