

# 7th Grade Computer Science Curriculum

<b>Course Title</b>	<i>7th Grade Computer Science</i>			
<b>Course Overview</b> Provide a brief parent-friendly summary of what students will accomplish in this class and how it connects to real-world skills.	<i>In 7th-grade Computer Science, students design their own apps and explore physical computing — writing code that controls real-world devices. Using Code.org CS Discoveries, students apply user-centered design thinking to solve genuine problems, then program microcontrollers that respond to the physical environment. These experiences connect directly to careers in app development, robotics, and engineering.</i>			
<b>Main Resource Used</b>	<i>Online Tools — App Design and Physical Computing</i>			
<b>Unit Sequence &amp; Titles</b>	<b>Unit 1</b> <i>User-Centered App Design</i>	<b>Unit 2</b> <i>Building Apps in an App Lab</i>	<b>Unit 3</b> <i>Intro to Physical Computing</i>	<b>Unit 4</b> <i>Capstone: App &amp; Device Showcase</i>