



Advanced Computer Science Parent Guide

<p>Advanced Computer Science will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.</p>	
<p>1st 6 Weeks: Introduction to Coding Using Scratch Scratch/Events, Input-Output, Why Program? Scratch Data and Variables– Operators, Loops, Lists Scratch/Algorithms – Lists - Blocks</p>	<p>4th 6 Weeks: Digital Citizenship Careers in Computer Science Java and Simple Algorithms Data Types and Selection</p>
<p>2nd 6 Weeks: Environment Coding Using Alice Basics Alice – Variables, Loops, Functions, Events</p>	<p>5th 6 Weeks: Java and Simple Algorithms Java and Simple Algorithms Loops/Iteration Java and Simple Algorithms Strings Binary/Numerical Data Conversions in Computer Systems</p>
<p>3rd 6 Weeks: Typing Code Using Jeroo Basics Jeroo Methods, Ifs, Loops, Boolean</p>	<p>6th 6 Weeks: Binary/Numerical Data Conversions Robo Code/App Inventor</p>

Questions? Please contact your course computer science teacher.