

Subconcept	Standard
Society	2-3.IC.1 Identify and analyze how computing technology has changed the way people live and work.
	2-3.IC.2 Compare and explain rules related to computing technologies and digital information.
Ethics	2-3.IC.3 Discuss and explain how computing technology can be used in society and the world.
	2-3.IC.4 Identify public and private digital spaces.
	2-3.IC.5 Identify and discuss how computers are programmed to make decisions without direct human input in daily life.
Accessibility	2-3. IC.6 Identify and discuss factors that make a computing device or software application easier or more difficult to use.
Career Paths	2-3. IC.7 Identify a diverse range of roles and skills in computer science.

Subconcept	Standard
Modeling and Simulation	2-3. CT.1 Create a model of an object or computational process in order to identify patterns and essential elements of the object or process.
Data Analysis and Visualization	2-3. CT.2 Identify and describe data collection tools from everyday life.
	2-3. CT.3 Present the same data in multiple visual formats in order to tell a story about the data.
Abstraction and Decomposition	2-3. CT.4 Identify multiple ways that the same problem could be decomposed into smaller steps.
	2-3. CT.5 Identify the essential details needed to perform a general task in different settings or situations.
Algorithms and Programming	2-3. CT.6 Create two or more algorithms for the same task.

Subconcept	Standard
Hardware and Software	2-3.NSD.1 Describe and demonstrate several ways a computer program can receive data and instructions (input) and can present results (output).
	2-3.NSD.2 Explain the function of software in computing.
	2-3.NSD.3 Describe and attempt troubleshooting steps to solve a simple technology problem.
Networks and the Internet	2-3.NSD.4 Describe how information can be communicated using networks.
	2-3.NSD.5 Describe and navigate to various locations where digital information can be stored.

Subconcept	Standard
Risks	2-3.CY.1 Compare reasons why an individual should keep information private or make information public.