

Computing Systems			
Grade 3	Grade 4	Grade 5	Grade 6
Networks and The Internet			
Grade 3	Grade 4	Grade 5	Grade 6
Recognize that information is both public and private, what is sharable, and how passwords protect information.	Describe what information should be protected and the importance of a secure password to protect information.	Demonstrate password creation techniques to develop and use a strong password used on personal accounts.	
Common Sense Media	Common Sense Media	Common Sense Media	
Data and Analysis			
Grade 3	Grade 4	Grade 5	Grade 6
			Create a spreadsheet utilizing formulas and graphs to represent data. G Suite: Sheets
Algorithms and Programming			
Grade 3	Grade 4	Grade 5	Grade 6
Create a program using sequences, events, loops, and conditionals to solve a problem.	Create a program using sequences, events, loops, and conditionals to solve a problem.	Create a program using sequences, events, loops, and conditionals to solve a problem.	Identify and trace decisions and loops that exist in a multi-step process within a program.
		With grade appropriate complexity, modify, remix, or incorporate portions of an existing program into one's own work, to develop something new or add more advanced features.	Test and trace to debug and refine code.
Bloxels & Ozobots	Bloxels & Ozobots	Scratch EDU MIT App	MIT App
Impacts of Computing			
Grade 3	Grade 4	Grade 5	Grade 6
Determine whether information should be shared or kept private to protect student identity.	Determine whether information should be shared or kept private to protect student identity.	Use public domain or Creative Commons media, and refrain from copying or using material created by others without permission.	Identify and explore careers related to the field of computer science.
Communicate the importance of information security to protect your digital footprint.	Communicate the importance of information security to protect your digital footprint.	Determine whether information should be shared or kept private to protect student identity.	
		Communicate the importance of information security to protect your digital footprint.	
Common Sense Media	Common Sense Media	Common Sense Media	MIT App and Common Sense Media
Safety, Laws & Ethics			
Grade 3	Grade 4	Grade 5	Grade 6
			Provide appropriate credit when using resources or artifacts that are not our own.
			Differentiate between the appropriate and inappropriate content on the Internet and identify unethical and illegal online behavior.
			Common Sense Media