

Virtual Robotics	Fundamentals of Computer Science	Mission 1: Welcome	Mission 2: Introducing CodeBot	Mission 3: Light the Way	Mission 4: Get Moving	Mission 5: DanceBot	Mission 6: Robot Metronome	Mission 7: Line Sensors	Mission 8: Boundary Patrol	Mission 9: Line Following	Mission 10: Fido Fetch	Mission 11: Airfield Ops	Mission 12: King of the Hill	Mission 13: Going the Distance	Mission 14: Music Box	Mission 15: Cyber Storm
	(L) Test program solutions by investigating intended outcomes.			X	X	X	X	X	X	X	X	X	X	X	X	X
(5) Digital citizenship. The student explores and understands safety, legal, cultural, and societal issues relating to the use of technology and information.	(A) Discuss privacy and copyright laws and model ethical acquisition of digital information by citing sources using established methods.															
	(B) Compare various non-copyright asset sharing options such as open source, freeware and public domain.															
	(C) Demonstrate proper digital etiquette and knowledge of acceptable use policies when using networks.															
	(D) Explain the value of strong passwords and virus detection and prevention for privacy and security.															
	(E) Discuss and give examples of the impact of computing and computing-related advancements on society															
	(F) Analyze how electronic media can affect the reliability of information.															
(6) Technology operations and concepts. The student understands technology concepts, systems, and operations as they apply to computer science.	(A) Identify and explain the function of basic computer components, including a central processing unit (CPU), storage, and peripheral devices.															
	(B) Use system tools, including appropriate file management.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	(C) Compare different operating systems.															
	(D) Describe the differences between an application and an operating system.															
	(E) Use various input, processing, output and primary/secondary storage devices															