	Global Goals Game:	
Computer Science Standards (CSTA) Level 1B: Grades 3-5		
	Standard and Descriptive Statement	
1B-CS-01	Describe how internal and external parts of computing devices function to form a system. (Devices)	X
1B-CS-02	Model how computer hardware and software work together as a system to accomplish tasks. (Hardware & Software)	
1B-CS-03	Determine potential solutions to solve simple hardware and software problems using common troubleshooting strategies. (Troubleshooting)	
	Networks and the Internet	
1B-NI-04	Model how information is broken down into smaller pieces, transmitted as packets through multiple devices over networks and the Internet, and reassembled at the destination. (Network Communication & Organization)	
1B-NI-05	Discuss real-world cybersecurity problems and how personal information can be protected. (Cybersecurity)	
	Data and Analysis	
1B-DA-06	Organize and present collected data visually to highlight relationships and support a claim. (Collection Visualization & Transformation)	X
1B-DA-07	Use data to highlight or propose cause-and-effect relationships, predict outcomes, or communicate an idea. (Inferences & Models)	X
	Algorithms and Programming	
1B-AP-08	Compare and refine multiple algorithms for the same task and determine which is the most appropriate. (Algorithms)	X
1B-AP-09	Create programs that use variables to store and modify data. (Variables)	X
1B-AP-10	Create programs that include sequences, events, loops, and conditionals. (Control)	X
1B-AP-11	Decompose (break down) problems into smaller, manageable subproblems to facilitate the program development process. (Modularity)	X
1B-AP-12	Modify, remix, or incorporate portions of an existing program into one's own work, to develop something new or add more advanced features. (Modularity)	X
1B-AP-13	Use an iterative process to plan the development of a program by including others' perspectives and considering user preferences. (Program Development)	X
1B-AP-14	Observe intellectual property rights and give appropriate attribution when creating or remixing programs. (Program Development)	X
1B-AP-15	Test and debug (identify and fix errors) a program or algorithm to ensure it runs as intended. (Program Development)	X
1B-AP-16	Take on varying roles, with teacher guidance, when collaborating with peers during the design, implementation, and review stages of program development. (Program Development)	X
1B-AP-17	Describe choices made during program development using code comments, presentations, and demonstrations. (Program Development)	X
	Impcats of Computing	
1B-IC-18	Discuss computing technologies that have changed the world, and express how those technologies influence, and are influenced by, cultural practices.	
1B-IC-19	(Culture) Brainstorm ways to improve the accessibility and usability of technology products for the diverse needs and wants of users. (Culture)	X
1B-IC-20	Seek diverse perspectives for the purpose of improving computational artifacts. (Social Interactions)	X
1B-IC-21	Use public domain or creative commons media, and refrain from copying or using material created by others without permission. (Saftey Law & Ethics)	