

**Needwood Middle School**  
**Weekly Agenda/Lesson Plan**  
**March 18-22, 2024**



**Tansey, 7th Grade: Foundations of Computer Programming**

	Monday-B	Tuesday-A	Wednesday-B	Thursday-A	Friday-B
Teacher(s)	Tansey	Tansey	Tansey	Tansey	Tansey
Date	3/18/2024	3/19/2024	3/20/2024	3/21/2024	3/22/2024
Standard(s)	Design, develop, debug and implement computer programs. 4.1 Develop a working vocabulary of programming including flowcharting and/or storyboarding, coding, debugging, user interfaces, usability, variables, lists, loops, conditionals, programming language, and events. 4.2 Utilize the design process to brainstorm, implement, test, and revise an idea. 4.5 Implement a simple algorithm in a computer program. 4.8 Create a computer program that implements a loop 4.10 Debug a program with an error.				
Learning Target	By the end of the unit, students will be able to identify and use proper command rules, comments, and structure for basic programming. Furthermore students will understand the process of, and reason for using functions and loops in programming				
Success Criteria	Students will be able to successfully write and debug programs using basic commands and functions.				
Activity or Assignment with Text/Links	Videos, CodeHS, Class discussion				