Unit 4 - For Loops and Nesting

Essential Questions

- How do you iterate through the items of a list using a for loop?
- How do you use a nested for loop to do a stack trace?
- How do you use for loops to traverse a list?
- How do you debug programs utilizing nested for loops and lists?"

Pacing Guide

Timing

1 Day = 50 minute class period

Lesson	Days	Resources
4.01: Looping Basics	1	4.01 Slide Deck
4.02: For Loops, Nested Loops	1	4.02 Slide Deck
4.03: Nested For Loops	2	4.03 Slide Deck
4.04: Nested Lists & Looping	2	4.04 Slide Deck
4.05: Debugging and Quiz	1	4.05 Slide Deck
4.06: Tic-Tac-Toe	9	4.06 Slide Deck
Total Days	16	
Total Minutes	800	

Key Terms

- For Loop
- Item
- Iteration
- Scope
- Range
- Nested For Loops
- Stack Trace
- Nested List