

Lesson 10 - Working Collaboratively on a Build (Present)

Objectives

I can work collaboratively with my peers to construct a build.

Standards

- 4-6.CT.4 Decompose a problem into smaller named tasks, some of which can themselves be decomposed into smaller steps.
- 4-6.CT.5 Identify and name a task within a problem that gets performed multiple times while solving that problem, but with slightly different concrete details each time.
- 4-6.CT.8 Develop algorithms or programs that use repetition and conditionals for creative expression or to solve a problem.

Vocabulary

Loop - a structure that repeats a set of instructions (algorithms) until it is told to stop.

Nested Loop - A loop within a loop.

Conditional - An action that occurs if something specific happens.

Lead-in: After creating your programs, your group will choose one task to present to the whole class.

SUCCESS CRITERIA

Your group needs to:

PRESENTING			
	EXCEEDS (3)	MEETS (2)	APPROACHES (1)
PARTICIPATION	ALL MEMBERS EQUITABLY CONTRIBUTE.	ALL OR MOST MEMBERS PARTICIPATED BUT THE PRESENTATION WAS DOMINATED BY ONE PERSON.	FEW OR ONLY ONE MEMBER PARTICIPATED IN THE PRESENTATION.
PROBLEM IDENTIFIED	THE PROBLEM WAS CLEARLY IDENTIFIED AND EXPLANATION OF HOW THE PROBLEM WAS DETERMINED THROUGH BRAINSTORMING AND NARROWING OF OPTIONS.	THE PROBLEM WAS IDENTIFIED.	THE PROBLEM WAS NEVER CLEARLY IDENTIFIED.
SOLUTION PROVIDED	THE SOLUTION SOLVED THE PROBLEM IN AN ORIGINAL MANNER THROUGH A PROCESS OF ITERATION THAT WAS EXPLAINED.	THE FINAL SOLUTION SOLVED THE PROBLEM.	THE SOLUTION DID NOT SOLVE THE PROBLEM.