Context of the Lesson	
The Big Idea: Basic programming concepts	
Prerequisite Knowledge and Skills: Logical Thinking, basic algebra	

Objectives of the Lesson	Formative Assessment
Learning Targets (I can...): Use variables to perform calculations , loops, and If statements	

Materials	
5.1 Concepts paper and 5.1 Worksheet	

Lesson Structure and Activities

Warm Up *[5-10min]* :Opener:
Explain that they are going to learn about concepts used in programming

Launch (Engage) *[5-10min]* :Teacher Directed Instruction:
Explain to the students the concepts in 5.1 Concepts

Explore *[25min]* :Joint/Guided Practice | Student Practice:
Have the students do the 5.1 worksheet

Summarize *[15min]* :Debrief :
Explain that Computer Scientists use if statements, loops and variables all of the time.

Extensions:	