Assessment Rubric

Concept being observed:

Function machines can be used to generate data. If students record the input and the output of the machine, they can determine the function of the machine. Since the machine will continue to perform the same function, the students can predict what is going to happen before more objects are put into the machine. Students need at least three recorded outputs before trying to state the function of the machine.

Level of Understanding	Expected Performance for Level
4	The student recognized that there was a pattern by looking at the recorded output of the machine and was able to state the function of the machine. With that information, the student was able to predict what was going to happen before another object was put into the machine.
3	The student recognized that there was a pattern by looking at the recorded output of the machine and was able to state the function of the machine, but was unable to predict what would happen when another object was put into the machine.
2	The student recognized that there was a pattern by looking at the recorded output of the machine, but was unable to state the function of the machine or predict what would happen before another object was placed into the machine.
1	The student was unable to see a pattern in the recorded output of the machine.