

Name(s) _____ Period _____ Date _____



Rubric - Binary Message Devices

Bit-Sending Device Rubric

If directed by your teacher, evaluate your efforts in working collaboratively with your team members to complete the project by completing the following rubric. Otherwise, move directly to the reflection questions.

Criteria	Yes	No	Comments
You and your partner(s) iteratively developed a bit-sending device that can be put into exactly two distinct states, and student could successfully send and receive a single binary message.			
You and your partner(s) modified or used the device differently to send/receive more than a single binary message (4, 8, 16...n possible messages).			
You and your partner(s) presented (written or spoken) the functionality of the device in a manner that allowed others to easily understand how to use it.			
You contributed meaningfully to the efforts of your group, were engaged in the activity, offered your own ideas, and responded to the ideas of their classmates.			

Reflection:

Note: These questions also appear in Code Studio and can be answered there.

- Multiple Choice: A binary question is defined as:
 - A piece of information that is sent in pairs
 - Two questions which share the same answer
 - A message which can be in two possible states
 - A question which can be answered in only one of two possible ways
- Provide an example of a question that could not be answered with a binary message. Explain why this is the case, making reference to the definition of a binary message.
- Modify your question so that it *could* be answered with a binary message. Explain why it can now be answered with a binary message.