

Have you completed The Pre-course Survey and Lesson 1?

Have you obtained a MS log-in (email), setup ONE DRIVE and created a ONE NOTE

Notebook? Have you sent me a link to inspect this notebook??

Unit 1: Lesson 2 - Sending Binary Messages

Background

One of the simplest forms of communication is the transmission of a binary message. Interestingly enough, "binary" is not a computing term. The word "binary" is used to describe something that can be in one of only two possible states. For example, the question, "Do we have a quiz today?" is a binary question, as there are only two possible responses: "yes" and "no." In fact, any question that can only be answered with a "yes/no" or "true/false" or something along those lines would be considered a binary question. It is also possible to make a question binary by limiting the acceptable responses to two, as in, "Which do you prefer: Coke or Pepsi? Country music or hip hop?"

Vocabulary

- Binary Question: a question to which there are only two possible answers.
- Binary Message: a message that can only be one of two possible values.

Lesson

- Think of a message that can be communicated with such a simple method.
- Build a device from everyday objects to communicate the message across the room.
- Work with your teammates in an iterative design process of rapidly building and improving your device.

Resources

- [Binary Message Devices](#) - Activity Guide ([download](#))
- [Binary Message Devices](#) - Rubric ([download](#))