

**Digital and Analog Signals**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Subject: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

***Problem:***

What are some differences between digital signals and analog signals?

***Hypothesis***

A possible hypothesis from students may be this:

Digital signals are more clear than analog signals because digital signal is a new technology.

***Materials***

* COSMOS Tool kit
* laptops

For procedures, students will plan and design their experiment with help from teacher input and reading materials.