

Waves Assessment - Worksheet

You want to start your own cellular network business and so you are going to purchase some wireless spectrum. Your most expensive investment will be your frequency choice. You can pick from any of the available options.

They are any place on the table labeled 'No':

https://en.wikipedia.org/wiki/Cellular_frequencies_in_the_US

Rubric and Guide

For the full rubric go here: <https://jchs-science.github.io/waves/assessment>

The **Wave Behaviors** will be a quiz that you do in class. The **Scientific Reporting** will be this worksheet. If you want a 4, you will have to do more, see the rubric.

This worksheet is to help you collect **EVIDENCE** and **SOURCES** to support your choice of frequency. You **MUST** explain how your evidence supports your choice, **AND** why your source is a valid source. For help with both of those, go here: <https://jchs-science.github.io/help>

Pick a frequency

After you have done any pre-research you want to do, go here and pick a frequency that has a 'No' in it. https://en.wikipedia.org/wiki/Cellular_frequencies_in_the_US

Chosen Frequency: _____ MHz

Evidence and Sources

Evidence #1: _____

How it supports your choice: _____

Source: <https://jchs-science.github.io/waves/assessment>

Why is it a good source? Mr. Hicks said so. (Note, this only works for this exact website. EVEN if you pull other information from the class website you should find another source to verify it.)

Evidence #2: _____

How it supports your choice: _____

Source: _____

Why is it a good source? _____

Evidence #3: _____

How it supports your choice: _____

Source: _____

Why is it a good source? _____

Evidence #4: _____

How it supports your choice: _____

Source: _____

Why is it a good source? _____

