

Name:

## Project Worksheet: Is Radio Wave Technology Safe?

Directions - Complete the blank boxes. Use complete sentences when justifying an answer.

### Project Objectives:

- To understand the nature of radio waves in everyday technology
- To use online sources ethically to develop an argument for or against the safety of radio technology with a works cited section
- To create a digital poster or presentation that efficiently and attractively demonstrates your thesis, meaning it takes no more than 120 seconds to view/hear and can retain an audience

### Part I -

Go to <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5504984/>.

1) Does this site seem like a reliable or unreliable source of information?

2) Justify your reasoning for your answer above.

3) What year was this article published?

4) Give one example of a source cited by this article. Copy the citation below.

5) What does "RF" stand for in this publication?

6) In articles from scientific journals, such as this one, you will find an **Abstract** at the top that summarizes the paper. This will help you quickly determine if the article is what you need without reading the whole paper. **In fact, you may be surprised to learn that most scientists do not**

**read entire articles in a publication, even when they are relevant to their research!**

Summarize the main idea of this article in 1-2 sentences in your own simple words.

- 7) Complete the citation for this article. You can use a citation tool in the Word doc menu at the top. If you copy and paste the web address of the page you want to cite into the tool, it will generate the citation for you.

## Part 2

### Project Research: Is Radio Wave Technology Safe?

You will research this question and develop a claim with evidence and reasoning. For your research, **include information explaining the nature of radio frequency waves** emitted by common devices, such as phones, WI-FI routers, etc.

Find additional sources with quotes, statistics, or other information that supports your stance on the health risks of these electromagnetic waves.

Types of acceptable sources for this project:

- Websites, including those from outside the US
- Videos
- Images
- Podcasts
- Newspapers
- Books
- Interviews
- Others (see teacher)

All sources will require citation. The works cited will be a part of your final score. **Projects will need a minimum of 5 sources, including images for a minimum passing score.** More points can be earned for additional sources.

**Agree or disagree:** *Radio frequency technology is safe.*

Write your opinion in the blank box to the right.→

**Directions:** In the boxes below, copy quotes from your sources. Do not paraphrase here. Quotes can be a sentence, statistic, image, or small paragraph. Copy the citation for each source used. You can use more than one quote per source.

Remember good sources will show where their facts came from. Look for cited sources on your own sources!

Quote	Citation
