

Waves for Communication Research Project

- You will be selecting ONE communication device from the provided list to research
- Websites and resources will be provided and you may use 2 resources of your choosing
- You will be creating a power point to display your findings.
 - All information must be in complete sentence form
- You will be creating a presentation on Flipgrid (only your teacher will see your presentation)
- Instrument Choices:
 - Television
 - Cell Phone
 - Radio

Power Point

- Must be 4-6 slides including title slide AND a “Resources Used” slide
- Font must be size 24 (excluding titles)
- At least one slide must include a picture and a description of picture
 - The description may not be copy and paste from another resource
- Resources can be found on the wizer.me page provided, your textbook, AND you may chose to include 2 additional resources.

<https://app.wizer.me/learn/SB8S3B>

Information to be included

- What type of waves does your device use to communicate? (8pts)
- What other technology is necessary for your device to transmit and receive these waves? (8pts)
- Explain the type of signal your device uses (analog or digital). (8pts)
- Explain the advantages and disadvantages of this type of signal. (8pts)
- What are the disadvantages of the type of wave your device uses? (8pts)

Information to be included

- What are the advantages of the type of wave your device uses? (8pts)
- Include ONE picture of your device (8pts)
- What is one interesting or fun fact about your device? (8pts)
- Resources listed (8pts)
 - You may use up to 2 resources of your choosing PLUS any of the resources I have provided on the wizer.me page or textbook
<https://app.wizer.me/learn/SB8S3B>

FlipGrid Presentation

- You must create a short video on Flipgrid to present your findings
- Video may only include yourself in the video (another person may hold the camera, but they may not speak or be visible)
- Video must be between 1:00min and 2min long
- The video will automatically be submitted to me and I will not post these to the class page. Only I will see your video.
- I will supply you with a class code to create and post your flipgrid.

Information in the Presentation (25 points)

- In your Flipgrid video you must include:
 1. State your name (2pts)
 2. State the name of your selected device. (3pts)
 3. Explain the type of wave your device uses to communicate. (5pts)
 4. Explain the type of signal your device uses to communicate. (5pts)
 5. Explain one advantage of using this type of signal. (5pts)
 6. Explain one disadvantage to using this type of signal. (5pts)