

Group Presentations: Medical/Industrial Applications of Waves

Topics:

1. MRI, Sonogram
2. Ultrasound (ultrasonic needles, etc)
3. Cameras
4. GPS
5. Cell phones
6. LASER Surgeries
7. SONAR
8. CAT Scans
9. Radio, Radar, Microwaves

1.) Who invented this? How does it work? Explain process.

2.) What type of waves are used with this application?

3.) What did we do before this application? What are we able to do now because of this application? Did this application lead to the invention of something else?

4.) Hands on Activity

5.) PPT. Presentation AND Poster Board Presentation

(10 mins long)

Create a Prezi account using the following link:

<http://prezi.com/login/>

GRADING RUBRIC FOR PRESENTATIONS

NAME: _____

KNOWLEDGE: 4 3 2 1 0

Shows an understanding of the material

Able to answer questions

PARTICIPATION: 4 3 2 1 0

Does their “fair share” in presenting the material

Participates in each part of the presentation

LENGTH: 4 3 2 1 0

Long enough to adequately cover assigned material

CONTENT: 4 3 2 1 0

Topic covered thoroughly

Enough information given to understand topic

Did not exclude any important information or include any unnecessary information

DESIGN: 4 3 2 1 0

Very creative

Easy to see and follow

Did not include any unnecessary graphics

HANDS-ON ACTIVITY: 4 3 2 1 0

Included class in the learning process

Did more than lecture to the class

TOTAL _____

23-24 A

21-22 B

18-20 C

16-17 D

0-15 F

