

## Unit 14: Sound Waves

- You should be spending at least **60 minutes** a day on Physics Curriculum.
- **Completing** the note taking guide is required and **printing** the guide is highly recommended.
- Seeking help if you are not passing your post assessments and/or practices is essential.
- If you are behind you **MUST** spend additional time on Physics to catch up and meet due dates!
- If you cannot meet a due date, extensions must be requested and approval received **in advance**.
- To keep on track Unit 14 should be completed by May 7.

### Goals:

1. I can determine and compare the sound intensity of everyday equipment.
2. I can use mathematics and computational thinking to determine the beat frequency of two similar sound wave frequencies.
3. I can analyze data to determine the unknown natural frequency of hollow plastic tubes.

## Complete Unit 14 Pretest

### Unit 14 Vocabulary

- Unit 14 Vocabulary is optional

### Sound Waves Notes

- Complete note taking guide

### Sound Waves Notes- Post Assessment

- take assessment after watching video notes and completing note taking guide
- must score a 80% or redo
- seek remediation if PA is not passed on 3<sup>rd</sup> attempt
- Pass by 5/1, end of class period

### Sound Waves Practice

- will open up after scoring 80% on Sound Waves Notes post assessment
- must score a 65% or redo
- Pass by 5/2, end of day

### Sound Stations Lab

- will open up after scoring 65% on Sound Practice
- You may work with a partner to collect your data; however, each student is responsible for making observations and answering questions.
- Stations **DO NOT** need to be completed in order.
- Complete Lab and Submit answers to questions via Blackboard by 5/6, 11:59 PM.
- Lab Report is not required.
- No corrections to questions accepted.

## ESPN Sports Figures Video

- Watch the ESPN VIDEO, Cheering Energy
- Complete the follow up questions via Blackboard.
- Complete by 5/3, end of class period

### Redo Practices for Review

### Submit Unit 14 Warm Ups on May 7

### Unit 14 Test

- Test will open up after passing all Post Assessments and Practices and completing all Labs for this unit.
- Test should be taken by 5/7

### Retake Unit 14 Test

- If you score below a 65% you must watch the video notes:
  - Complete note-taking guides for the unit and all practices in the unit again
  - Seek remediation as needed
  - Retake the Unit 14 Test and pass with a 65% or higher
  - **COMPLETE the RETAKE as soon as possible to avoid falling behind in the next unit**