

Week of October 12 - 16

Monday

October 12, 2015

Monday, October 12

Do Now

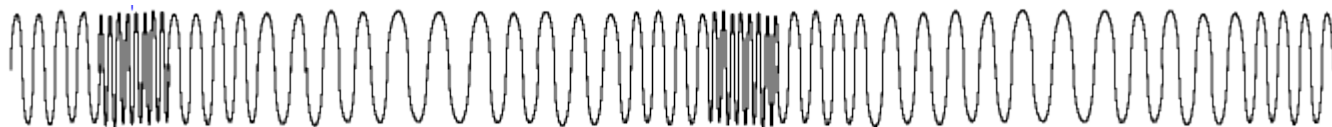
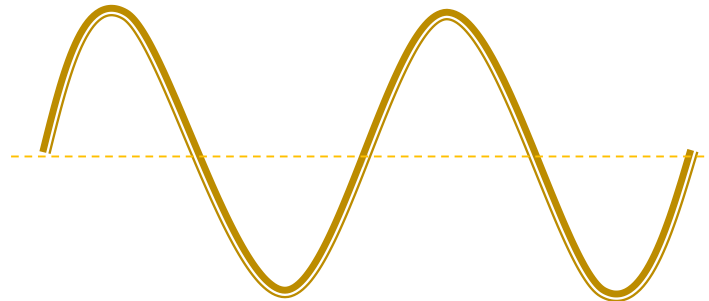
1. Write down your homework and leave your agenda out.
2. Put your name, student # & Class on your Do Now Sheet
3. Put your papers in your Binder or Folder:

Assignment	Where to Put it
Last Weeks Do Now's	Science – Notes
Last Weeks Homework	Timeline – SS – Notes Wave Anatomy – Sci-Notes
Rubric for Foldable	Monday Folder
Parts of a Wave Quiz	Science – Assessment

Do Now

**Identify the parts of the
Transfer Wave & Longitudinal Wave.**

(Hint: You may use your notes to help)



Word Bank

Amplitude
Compression
Crest
Rarefaction
Resting Position
Trough
Wavelength (2)

Reflection

Reflection- happens when a wave bounces after hitting a barrier.

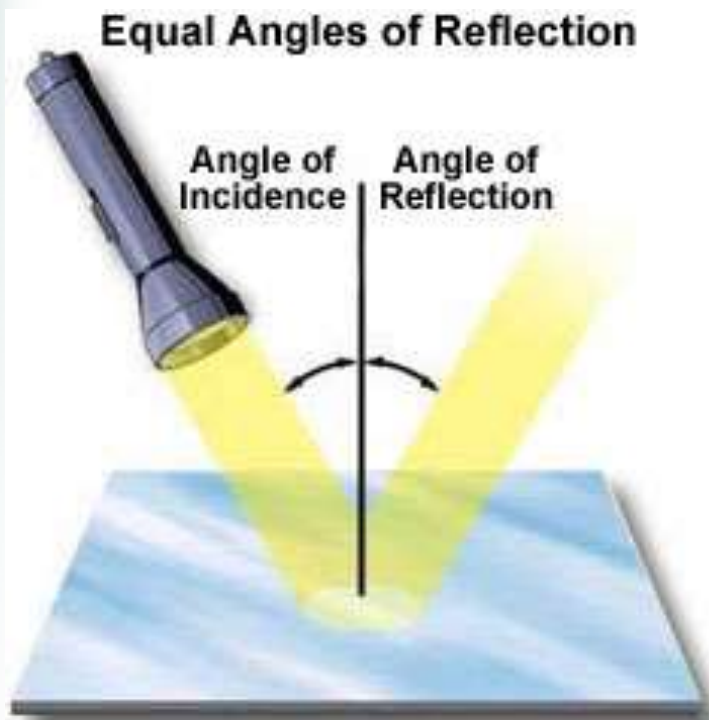
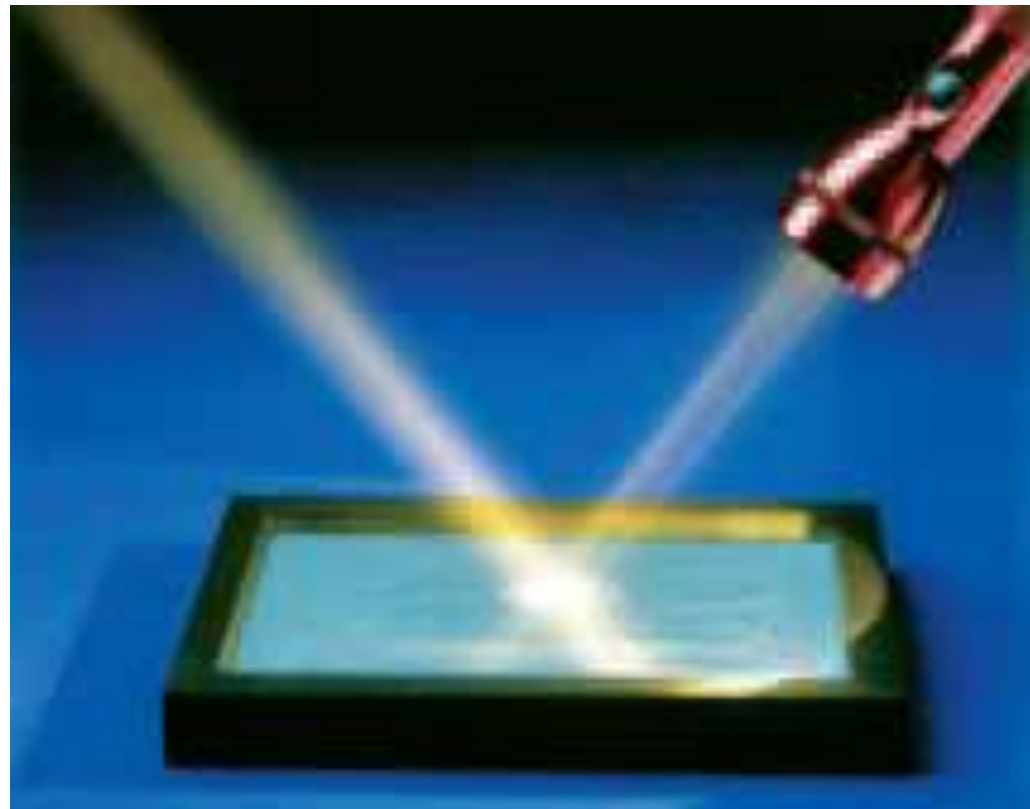
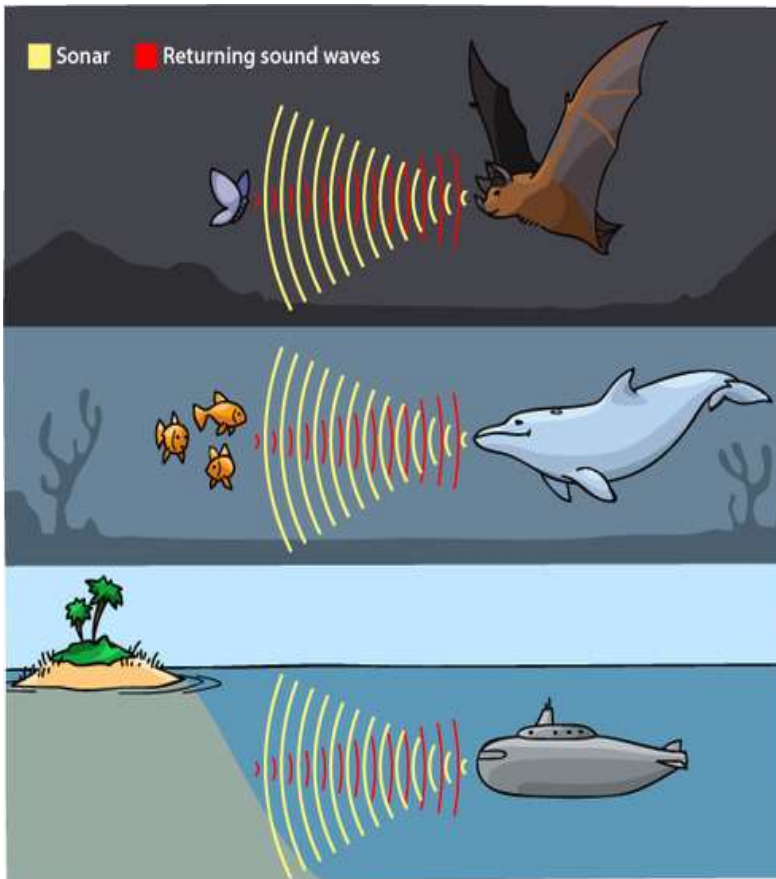


Figure 1

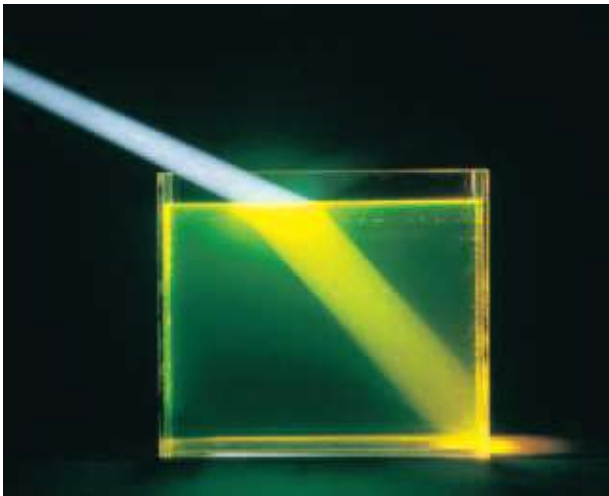


All waves can be reflected.

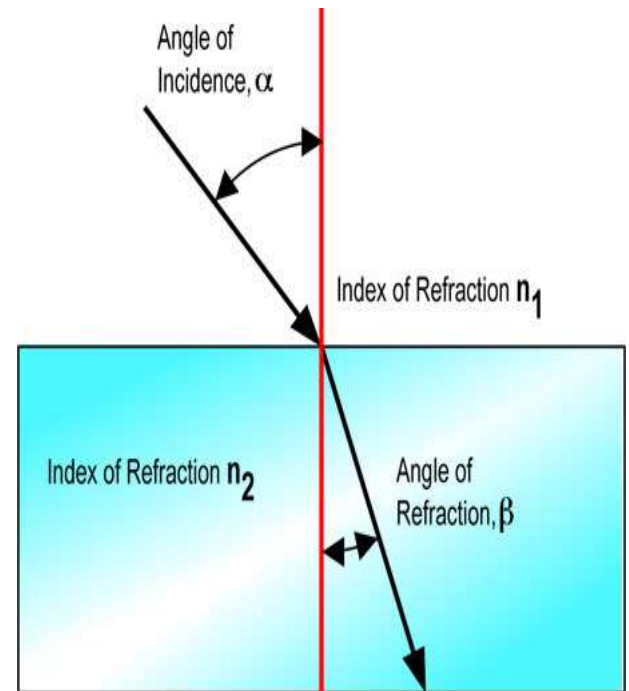


Refraction

Refraction – is the change in direction of a wave when it changes speed as it travels from one material (medium) to another.

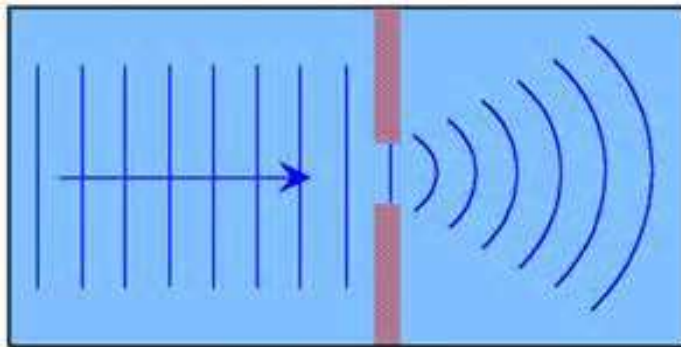


Refraction occurs when a wave changes **speed**. Light waves change direction when they slow down as they pass from air to water.



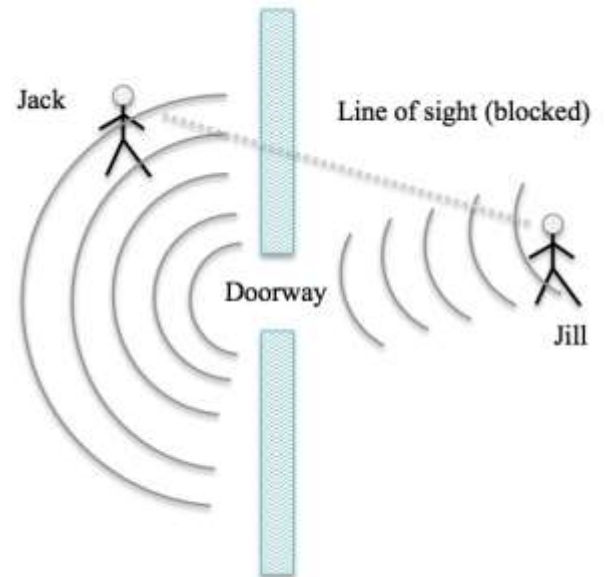
Diffraction

The bending of waves around a barrier or through an opening is known as diffraction.



Sound wavelengths are MUCH longer than light wavelengths (measured in nanometers).

This is why you can hear someone talking in another room with an open door, even though you can't see them.



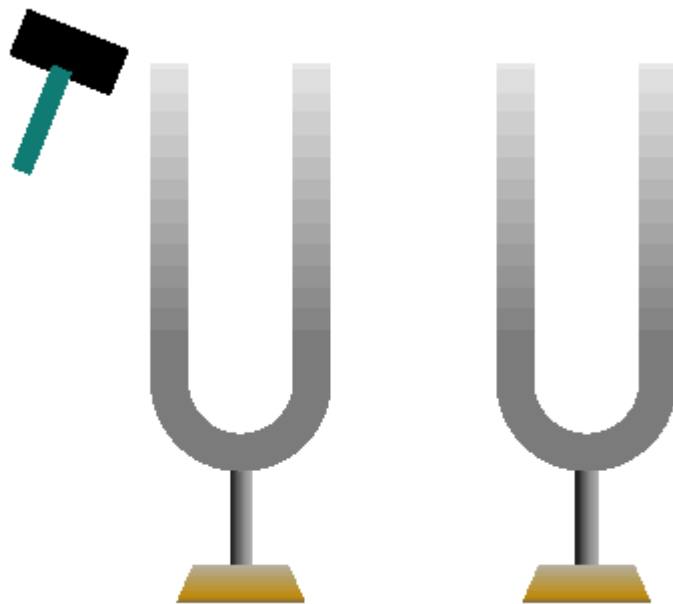
Interference

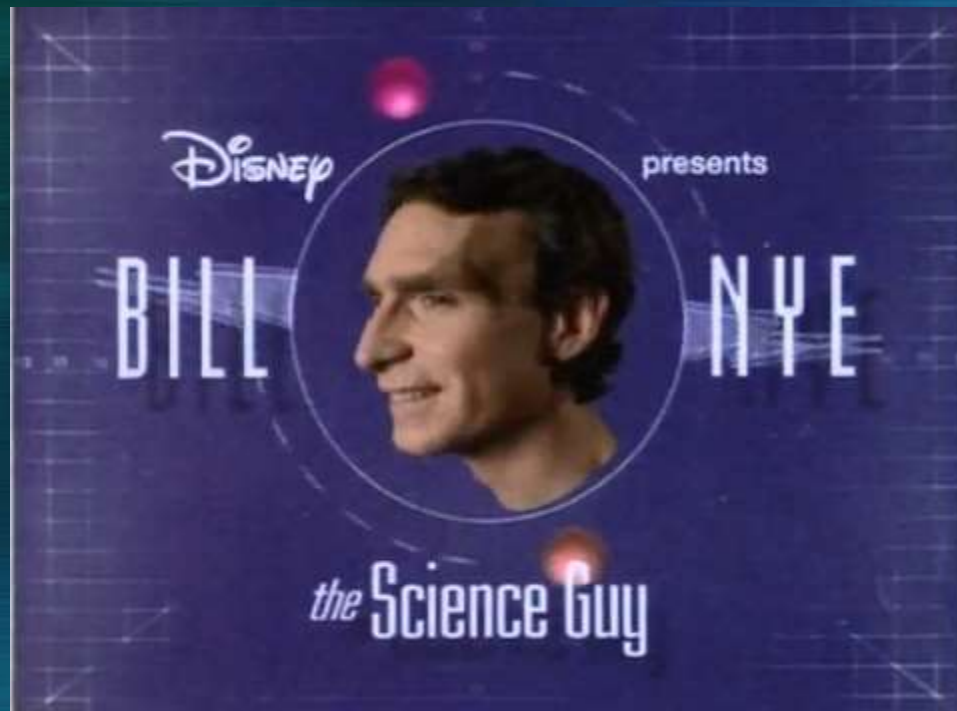
Interference happens when waves overlap



Resonance

Resonance – vibration produced in one object that is caused by the vibration produced in another





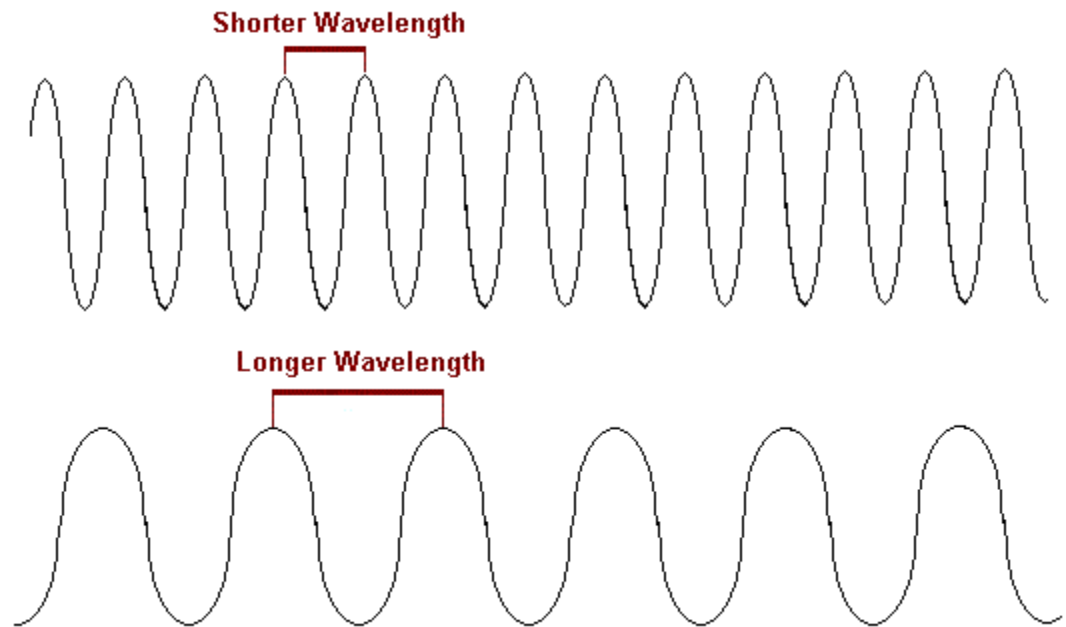
Tuesday

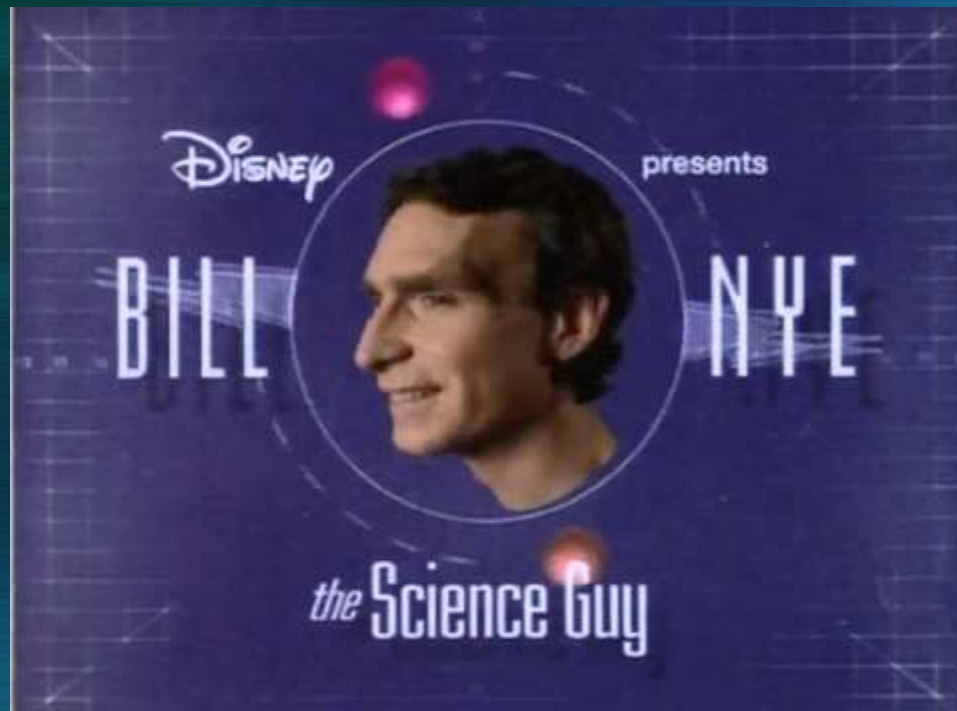
October 13, 2015

Do Now

How does the wavelength affect the ...

- a. Speed?
- b. Amplitude?
- c. Frequency?
- d. Energy?





Station Reviews



Group 1:

- Properties of Waves Sorting and Questions**

Group 2:

- Study Guide Questions and Review**

Wednesday

October 14, 2015

Do Now

What happens to a wave when each of the following occur?

Reflection

Refraction

Diffraction

Interference

Resonance

Station Reviews



Group 1:

- **Study Guide Questions and Review**

Group 2:

- **Properties of Waves Sorting and Questions**

Thursday

October 15, 2015

Do Now

1. Make sure your **Name, Student # & Class** are on your Study Guide & Review Sheet (Wave Sorting)
2. Turn in your Study Guide & Review Sheet into the bucket in the back of the room.

After you Finish the Test

1. Turn test into Mrs. Coombs

2. Pick up and work on “Key Concept Storyboard”

3. Read Silently

Match each with their correct definition:

- Achievement
- Geography
- Social Classes
- Religion
- Government/Leadership
- Economy/Trade

Friday

October 16, 2015

Do Now

Describe the physical features in the map.

Hint:
Landforms &
Waterways



Geography Stations: Mesopotamia

- 1. Move from station to station every 5 minutes.**
- 2. Read and follow the directions for coloring in your map.**
- 3. Answer the questions on the back of your map for each station.**

5:00