

Name: _____

Discovery Techbook (What is a wave?)

- 1. Do you log in on Safari or the Discovery Education app when going to Discovery Techbook?**
- 2. If you get lost on Discovery Education, what button do you push to get back to your homepage?**
- 3. Which button do you push to find the assignments assigned to you?**
- 4. What class do you choose when looking for assignments assigned to you by Mr. Klein?**
- 5. What button do you always push when done with a video or task on Discovery textbook?**
- 6. Besides answering the questions, what do you do on your paper when you are done with an assignment?**

_____ Types of waves (1:15)

- a. Name at least three types of waves.**

_____ Types of Mechanical Waves (1:11)

- a. What are mechanical waves?**

- b. What are the two groups of mechanical waves?**

_____ Transverse Waves (1:25)

- a. What are the parts of a transverse wave?**

- b. How do you measure amplitude?**

- c. What are hertz?**

- d. What waves are in the electromagnetic spectrum?**

_____ Measuring Sound (3:50)

a. What is an amplitude? What unit is used?

b. What is wavelength?

c. What is frequency? What units are used?

_____ The Relationship Between Wind and Ocean Waves. (2:06)

a. How does an ocean wave move through the water?

_____ Understanding How TV Works (5:22)

- a. How does a TV signal get from a sporting event to you?**

_____ Transverse Waves: Crest, Trough, Amplitude, and Wavelength (1:22)

- a. What do waves carry?**

- b. What do waves not carry?**

- c. Draw or explain how matter and energy interact like when a bobber is dropped in a pond.**

- d. What is the crest and trough of a wave?**