Name:	
Discovery Techbook: What is sound?	
What is sound? (2:31)	
a. Describe or draw how we hear sound.	
Longitudinal Waves (1:15) a. What are the two parts of a longitudinal wave?	
ar irriat are the two parts of a longitudinal wave:	
What Affects Sound? (3:08)	
a. What does it mean to reach Mach 1?	
b. What type of matter does sound travel the fastest in?	
c . Why do sound waves travel faster in denser materials?	
d. Which type of temperature does sound travel the fastest i	n?

,	Vibrations (1:	:57)	
a. Wha	t is sound?	•	
b. Wha	t is a vibration?		
D. 11110			
т	he Speed of S	ound - Intera	ct
	Steel/50m	Air/50m	Water/50m
Distance:			
Time:			
Speed:			
	Sound Wave	s (2·02)	
a Wha	_		npression and rarefaction
	sound wave?	between the con	ipression and rarefaction
	Submarines	and Sonar (2:	:15)
a. How	- does Sonar work		

Dolphins' Sonar (1:28)
a. What is infrasonic?
b. What is ultrasonic?
Echolocation: Communication Among
Species (2:06)
What is Pitch? (2:03) a. What is pitch?
b. What is the relationship between frequency and pitch?
Using Sound to Navigate (3:07)
a. How does the bus make it through the forest?
Echolocation As a Strategy for Catching Prey(3:18)