	Period:	Date:
Wave	e Lab	
How do waves travel in a spri	ng?	
¥		
lds the other end. DO NOT O Il a few coils of the spring to o lease the coils and observe th	VERSTRETCH THE S one side near one end ne motion of the sprin	LINKY!! of the spring. ig.
ne arrows below show the dire	ction of the waves.	
What type of wave have you created in #3? Have your partner <u>SLOWLY</u> move one end of the spring to the left and then to the right, while keeping the slinky on the tabletop. Be certain that both ends are held tightly.		
escribe what happens in word	s:	
raw a digaram of what you ob:	served; include arrow <i>e crest, trough, wave</i>	s to show the length, & amplitude. ram 1
	e rate at which you m	ove the slinky left an
	How do waves travel in a spring a clear tabletop, stretch the lds the other end. DO NOT Oll a few coils of the spring to blease the coils and observe the scribe what happens in words are arrows below show the direction of the right, while keeping at both ends are held tightly escribe what happens in word what type of wave have you creaw a diagram of what you obsirection of the wave. Label the	Wave Lab How do waves travel in a spring? It a clear tabletop, stretch the spring. Hold one end lds the other end. DO NOT OVERSTRETCH THE SILL at the coils of the spring to one side near one end lease the coils and observe the motion of the spring scribe what happens in words: To and Fro Motion of Molecule that type of wave have you created in #3? In a to the right, while keeping the slinky on the table to the right, while keeping the slinky on the table to the right are held tightly. To and Fro Motion of Molecule that type of wave have you created in #7 In a to the right, while keeping the slinky on the table to the right are held tightly. The provided in the created in the creat

Name:		Period:	Date:	
	13. Squeeze together several of the coils, making a compression.			
	14. Based on #13, draw a diagram of the slinky. Label the compression and			
	the rarefaction.		Diagram 2	
		5 m		
		· · · · ·		
	15. Release the compression section of the spring and observe the energy as			
it moves down the spring.				
	16. What type of wave have	you created in #15?_		
		2		
Conc	lusion Questions:			
	17. What was the medium for today's lab?			
17. What was me median for result			-2	
	18. What are the differences between longitudinal waves and transverse			
waves?				
	wuves?			

