

Name: _____

Pd: ___ Date: _____

Science 8
Waves and its Properties Lab Day

1. Describe how the class created a **transverse** wave:

2. While in your groups you were given wooden blocks and a slinky. Describe the types of waves that you could create with those objects. Explain how this was done.

Wooden blocks	Slinky

3. Prism play.

- a. Describe what happens when you passed the light from the ray box into the prism.

- b. Describe how you managed to get white light to come out of a series of prisms.

4. Colour wheel

What happened when Mrs. Weiss demonstrated the colour wheel? What did you observe?

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5. Tri-light combo

What colour did the shadow make when the following light colours were combined:

Light combined	Colour of shadow
Red and green	
Red and blue	
Blue and green	

6. Playing a tune. Describe the length of the pipe in the following

	Length
High pitch	
Low pitch	

7. Name the tune that we played as a class: _____