



4. Get two different minerals from Riley or Peter. What are they? Describe them:

Mineral Name	
Shape	
Size	
Color	
Smell	
Texture	
Your choice	

Mineral Name	
Shape	
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Color	
Smell	
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Your choice	

5. Shine the laser through the first mineral and write down your observations about what the laser does:

6. Shine the laser through the second mineral and write down your observations about what the laser does:

7. How did the laser behave similarly and differently when shining through the three different materials you had? Why do you think the behavior was similar and/or different?

8. The light coming out of the laser is a special type of wave. If we were to send a similar kind of wave through the Earth and recorded it behaving in different ways at different depths, what would that tell us about the composition of the Earth?