Name _____ Date _____ Period _____

Photosynthesis Demo Chart

Demo Name:	Topic:	Observation:	What I Learned:
Popsicle Sticks			
Mouse Trap			
Molecular Models (ATP & Glucose)			
Bromothymol Blue			
Radiometer			
Spring			
Garbage Can and Wavelength Walking			
Color Wheel			
Spectroscope			
Ping Pong Balls			
Tesla Coil			

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1. On the image below, label:
   a. Colors – Red, Orange, Yellow, Green, Blue, Indigo, Violet
   b. Direction of Increasing Wavelength
   c. Direction of Increasing Frequency
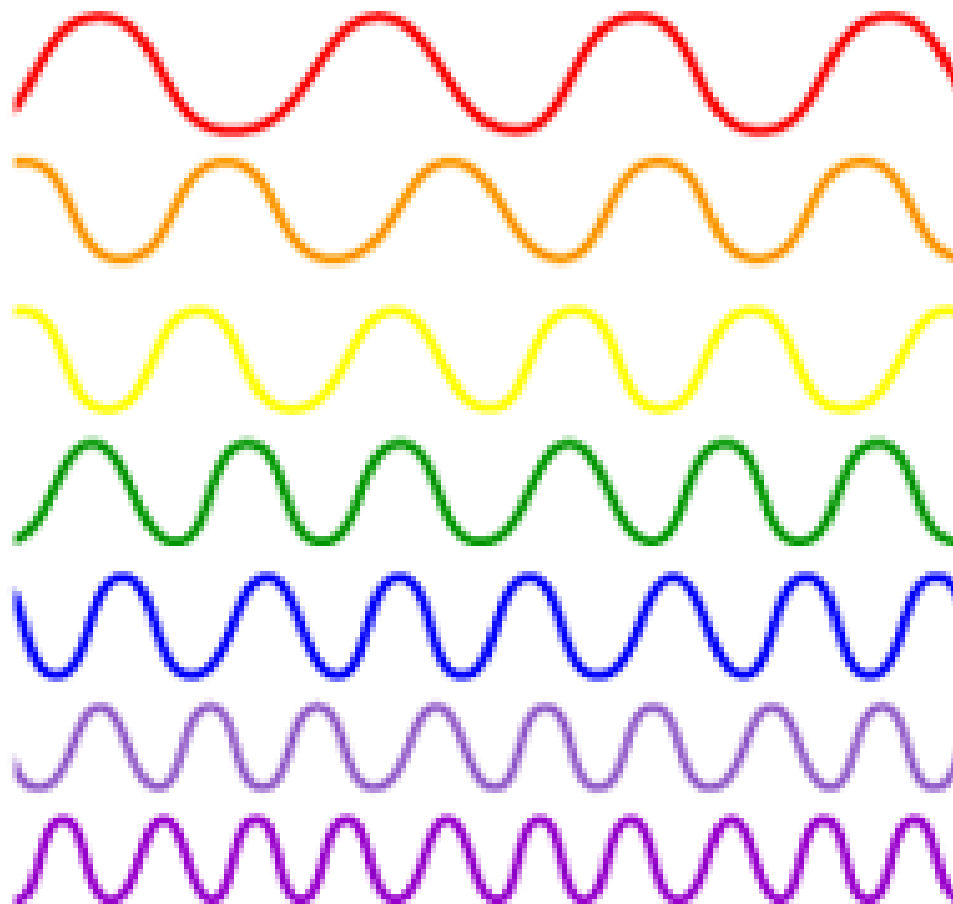
2. Which color of light has the highest frequency? _____

3. Which color of light has the longest wavelength? _____

4. Which color of light has the highest amplitude? _____

5. What would happen to a color of light if you increased the amplitude?

6. What kinds of light waves have a higher frequency/shorter wavelength than violet light?

7. What kinds of light waves had a lower frequency/longer wavelength that red light?