

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## **Electromagnetic Spectrum      Video - Color**

1. Where does color come from?
2. Who discovered white light was a mixture of different colors?
3. What is the distance between two waves?
4. How does light travel?
5. Why are there different colors?
6. What changed in history that allowed almost everyone to afford color?
7. What was the fuel of the new industrial world?
8. What did Perkins eventually discover from tar?
9. How did chemistry become an applied science?
10. What are three household tests that rely on color for indicators?
11. How does phenolphthalein work?
12. How does acid change it?
13. What disease was first destroyed by attaching dye to poison?
14. What is an advanced application of staining?
15. How can dyes be used in solar energy?