

Name: \_\_\_\_\_

## **Real World Science: Light**

1. What is light?
2. How does light travel?
3. What is a medium?
4. What is the highest point of a light wave?
5. What do electromagnetic waves transfer?
6. Do light waves require a medium to travel?
7. What is a packet of energy?
8. What 3 things can happen to light when it hits a new medium?
9. What does the girl use as an example of a translucent object?
10. What does light do when it hits a rough surface?

11. What is refraction?

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12. Do the light rays of the pencil bend in the water?

13. What is the most interesting aspect of visible light?

14. What makes light waves different colors?

15. What is a prism?

16. What are the primary colors for artists?

17. When you combine the 3 primary colors of light, what color do you get?

18. Why does the apple look red?

19. Why do you want to wear white clothes on a hot day?

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