

**Chapter 21**

Use with Section 1

**ENRICHMENT****• The Nervous System****The Eyes Have It****Materials**

wad of paper  
glass door or window

**Procedure**

1. Wad up a piece of paper into a ball. Stand in front of a friend or relative and gently toss the paper ball at his or her face. Observe their eyelids as you throw the paper.
2. Have your partner stand behind a glass door or window and again throw the paper ball at the person. Observe the person's eyelids as you throw the paper at the glass.

**Conclude and Apply**

1. What was the response of your partner in step 1? \_\_\_\_\_
2. Was there a reason for the response? \_\_\_\_\_
3. What was the response of your partner in step 2? \_\_\_\_\_  
\_\_\_\_\_
4. Was there a reason for the response? \_\_\_\_\_  
\_\_\_\_\_
5. Since there was no logical way that the paper could hurt the person, what explains the reaction?  
\_\_\_\_\_  
\_\_\_\_\_
6. From the information in the textbook, what do you suppose the nerve pathway was during this reaction? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_