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| **SIGHT** |
| * Why do some people need glasses? How do glasses improve vision?
 |
| * What causes nearsightedness? How is it different from farsightedness?
 |
| * How does corrective laser eye surgery work? How does it improve vision? What risks are involved?
 |
| * Why are some people colorblind?
 |
| * How do optical illusions work? How do they "fool" your brain?
 |
| * How do red-and-blue "3D glasses" work?
 |
| **HEARING** |
| * How do sounds reach the brain?
 |
| * Why do some sounds have a low pitch, while others have a high pitch?
 |
| * Why are animals such as dogs able to hear sounds that humans cannot?
 |
| * When someone is "hard of hearing," what are some possible causes?
 |
| **SMELL** |
| * Why do certain smells instantly evoke specific memories or feelings?
 |
| * How are the senses of smell and taste related?
 |
| * If you hold your nose while eating, how are tastes affected? Why?
 |
| **TASTE** |
| * How do taste buds work? How does the tongue recognize different tastes, such as the bitterness of a lemon or the sweetness of sugar?
 |
| * Which taste cannot be detected by the tip of your tongue: bitter, sour, salty, or sweet? Why?
 |
| **TOUCH** |
| * How does your hand tell the difference between hot and cold surfaces?
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| * How do blind people use braille to read?
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