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## The Human Body

### Essential Question: How can the human body be affected by the environment?

Enduring Knowledge	Science Concepts	GE	Evidence of Understanding
<b>Body Systems:</b> The human body is unique in its heredity, body systems and development and can be affected by the environment.	a. People use their senses to find out about their surroundings and meet their needs. b. Body parts help people satisfy their need for food (eyes/nose: find food; legs/hands: get food; mouth: eat food). c. Senses help people satisfy their need to avoid danger (nose: smell fire; ears: hear danger)	41	Identifying the senses needed to meet survival needs for a given scenario
<b>Human Disease:</b> The human body is unique in its heredity, body systems and development and can be affected by the environment.	a. Some things people take into their bodies from the environment are toxic and can hurt them.	42	Identifying things in the environment that could be harmful if swallowed (e.g., soaps, cleaning solutions, unknown pills)

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Focusing Questions	Potential Inquiries/Activities	Resources/Notes
<p><b>Why are our senses important?</b></p> <ul style="list-style-type: none"><li>- Senses can alert humans to danger.</li><li>- The function of various body parts makes them more or less appropriate for the body's use of food.</li><li>- Humans need water, food, oxygen from air, and shelter to survive.</li></ul>	<p>What senses would help you in these situations?</p> <ul style="list-style-type: none"><li>- fire</li><li>- unsafe water temperature</li><li>- crossing the street</li><li>- getting lost</li></ul>	<p>Forester Fire Fighter Rescue Squad</p>
<p><b>Why is it important to know the difference between toxic and non-toxic things in the environment?</b></p> <ul style="list-style-type: none"><li>- Some substances are toxic and some are not.</li><li>- Consuming a toxic substance can cause sickness or death.</li><li>- A substance can be toxic when swallowed but non-toxic if used outside the body.</li><li>- Unknown substances should be considered toxic until proven non-toxic.</li></ul>	<p>I wonder which substances are toxic/non toxic? Provide pictures of many kinds of cleaning solutions, medications, other household items.</p>	<p>Poison Control Center School Nurse</p>