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The Human Body

Enduring Knowledge	Science Concepts	GE	Evidence of Understanding
<u>Heredity:</u> The human body is unique in its heredity, body systems and development and can be affected by the environment.	a. Some similarities between children and parents such as eye color, are inherited.	40	Identifying similarities that are inherited from a biological parent
<u>Human Disease:</u> The human body is unique in its heredity, body systems and development and can be affected by the environment.	a. If germs are able to get inside a person's body, they may keep it from working properly. Tears, saliva, and skin protect our bodies from germs.	42	Explaining that tears, saliva, and skin, can protect the body from harmful germs

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Focusing Questions	Potential Inquiries/Activities	Resources/Notes
<p>What physical traits do children possess that their parents possess?</p> <p>- All individuals receive genetic information from <u>both</u> their parents (i.e., traits).</p>	<p>Identify traits which are inherited.</p> <p>How does the environment affect other physical traits.</p> <p>How does an increase in physical activity affect heart rate?</p>	<p>- Wrist band heart rate monitors</p> <p>- Digging for Data video and kit</p>
<p>How might tears, saliva, and skin protect the human body from "germs"?</p> <p>- "Germ" is an archaic word for microbes.</p> <p>- Microbes are microscopic organisms which can enter the body and cause disease.</p>	<p>How can you identify "germs" and the way in which the body protects itself?</p>	