

# ***MISSION BRIEFING* Correlation with Standards**

## **National Health Standard Correlation Grades 6-8**

<b>Instructional Objectives “Peril in Prokaryon”</b>	<b>Health Content Standard</b>
<ul style="list-style-type: none"> <li>Apply the scientific method to the investigation of a mystery disease.</li> </ul>	<p><b>Standard 5:</b> Students will demonstrate the ability to use decision-making skills to enhance health.</p>
<ul style="list-style-type: none"> <li>Analyze and interpret epidemiological data—maps, graphs, and patient profiles—to reach a hypothesis about a disease.</li> </ul>	<p><b>Standard 5:</b> Students will demonstrate the ability to use decision-making skills to enhance health.</p>
<ul style="list-style-type: none"> <li>Associate the bacterium, <i>Vibrio cholerae</i>, with the disease it causes.</li> </ul>	<p><b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.</p>
<ul style="list-style-type: none"> <li>Classify bacteria into each of three basic shapes: bacilli, spirilla, and cocci.</li> </ul>	<p><b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.</p>
<ul style="list-style-type: none"> <li>Relate the importance of Germ Theory to our understanding of present-day diseases.</li> </ul>	<p><b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.</p>
<ul style="list-style-type: none"> <li>Recognize the interaction between population, resources, and the environment.</li> </ul>	<p><b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.</p>
<ul style="list-style-type: none"> <li>Identify the symptoms of cholera.</li> </ul>	<p><b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.</p>
<ul style="list-style-type: none"> <li>Determine the treatment for cholera.</li> </ul>	<p><b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.</p>
<ul style="list-style-type: none"> <li>Describe the best ways to prevent the spread of cholera (sanitation and hygiene).</li> </ul>	<p><b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.</p> <p><b>Standard 5:</b> Students will demonstrate the ability to use decision-making skills to enhance health.</p>

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<ul style="list-style-type: none"><li>Recognize the health risks associated with a collapse of infrastructure caused by natural disasters such as earthquakes or floods.</li></ul>	<b>Standard 1:</b> Students will comprehend concepts related to health promotion and disease prevention to enhance health.
<ul style="list-style-type: none"><li>Describe what epidemiologists do.</li></ul>	NA
<ul style="list-style-type: none"><li>Recognize the name John Snow and his contributions to the early field of epidemiology.</li></ul>	NA
<ul style="list-style-type: none"><li>Associate Robert Koch, Louis Pasteur, and Joseph Lister with their contributions to Germ Theory.</li></ul>	NA
<ul style="list-style-type: none"><li>Observe the cooperation required by individuals with different areas of expertise in scientific investigation.</li></ul>	NA
<ul style="list-style-type: none"><li>Summarize the storyline.</li></ul>	NA