

MISSION BRIEFING: Mission Log

TEACHER VERSION

TEACHER DIRECTIONS: Ask the students to fill in the **ANSWER** column as they proceed through the mission.

Question	Answer
<p>A. In the Body Defender challenge, what two body parts make up the first line of defense against pathogens?</p> <p>B. What is the name of the proteins made by B cells that can bind (connect) to a specific pathogen?</p>	<p>A. skin, mucous membranes</p> <p>B. antibodies</p>
<p>A. In the Infect-O-Rama challenge, what are the ways in which viruses can be spread?</p> <p>B. Which two modes of transmission are common to five of the infectious agents?</p>	<p>A. Viruses can be transferred by hand, food, water, doorknob, mosquito (animal), and a sneeze.</p> <p>B. food and water</p>
<p>A. In the Koch's Concepts challenge, why is it necessary to wash the orange before infecting it with the fungus?</p> <p>B. Who worked out the four-step procedure scientists use to determine if a specific germ causes a particular disease?</p>	<p>A. To sterilize the oranges (kill other germs that may be on the orange).</p> <p>B. Dr. Robert Koch</p>
<p>A. In the Germ Blaster challenge, which types of infectious agents can be killed by antibiotics?</p> <p>B. Which pathogen has no treatment?</p>	<p>A. bacterium, fungi, and protozoan</p> <p>B. prions</p>
<p>A. In the Enemy Agents challenge, you meet up with six different infectious agents. Name them.</p> <p>B. Which type of infectious agent are a tapeworm, a roundworm, and a hookworm?</p>	<p>A. bacterium, virus, protozoan, fungus, prion, and helminth</p> <p>B. helminth</p>

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Name _____ Class _____ Date _____

STUDENT INSTRUCTIONS: Record your observations by finding the clue that correctly matches each description. Write down the clues as you proceed through the mission.

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<p>A. In the Infect-O-Rama challenge, what are the ways in which viruses can be spread?</p> <p>B. Which two modes of transmission are common to five of the infectious agents?</p>	<p>A.</p> <p>B.</p>
<p>A. In the Koch’s Concepts challenge, why is it necessary to wash the orange before infecting it with the fungus?</p> <p>B. Who worked out the four-step procedure scientists use to determine if a specific germ causes a particular disease?</p>	<p>A.</p> <p>B.</p>
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