

MISSION DEBRIEFING: Student Activity Sheet

TEACHER VERSION

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

Question	Answer
When Dr. Xu is talking to Beta and Delta, she tells them that she thinks that a patient has smallpox. You then learn that smallpox is contagious . What does this mean?	It can easily be spread directly from person to person.
When searching the apartment with Delta, you find out that smallpox was eradicated in the 20 th century, but that smallpox could be used a weapon for _____.	bioterrorism
When searching the apartment with Delta, you find a Traveler's Alert that tells you, that to avoid getting monkeypox, you should limit your contact with what animals?	monkeys and squirrels
In the lab you see an interactive model of a virus. What is the part of the virus called that contains instructions to make other virus?	nucleic acid or DNA
In the lab, you see an interactive movie on viral reproduction. The process by which the virus obtains a new coating from the host cell's membrane is called: replication, docking, or release?	release
In the lab, you look at the viruses in Jeremy's blisters with Beta. His blister look similar to those a person would get from _____.	smallpox
When Alpha is in the lab he says that Dr. Xu has prevented anyone from entering or leaving the hospital. What is this called?	a quarantine
After the dissection of the robospider, information is released which tells you who created the first vaccine. Who was it?	Dr. Edward Jenner
In the information that is released from the robospider, you learn that a pathogen from mild disease can protect some one against smallpox. What is the name of this disease?	cowpox
After making the smallpox vaccine, you dip a special needle into the vaccine to vaccinate someone. What is the name of this needle?	bifurcated needle

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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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In the lab you see an interactive model of a virus. What is the part of the virus called that contains instructions to make other virus?	
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In the lab, you look at the viruses in Jeremy's blisters with Beta. His blister look similar to those a person would get from _____.	
When Alpha is in the lab he says that Dr. Xu has prevented anyone from entering or leaving the hospital. What is this called?	
After the dissection of the robospider, information is released which tells you who created the first vaccine. Who was it?	
In the information that is released from the robospider, you learn that a pathogen from mild disease can protect some one against smallpox. What is the name of this disease?	
After making the smallpox vaccine, you dip a special needle into the vaccine to vaccinate someone. What is the name of this needle?	