

Name _____ Date _____

Crittercam African Adventure Game Questions Answer Key

After playing the African Adventure simulation game, answer the following questions.

1. What was the purpose of the game? The purpose of the game was to see how scientists study lion behavior using radio collars and Crittercam technology.
2. What scientific tools and technology did you use in the game? Tools and technology used during the game were Crittercams, VHF radios (to receive radio collar signals), maps, and laptop computers.
3. What were the lions doing during the DAY video sequences? During the DAY video sequences, the lions were mostly resting.
4. What were most of the lions doing during the DUSK video sequences? During the DUSK video sequences, the lions were mostly feeding on bones of previous kills.
5. What were some challenges you faced while playing the game? Possible responses: not wrecking the jeep, not running out of gas, understanding what was going on in the Crittercam video footage, using the VHF radio signal to find the lions, and using the map to navigate.
6. Do you think the scientists who use the Crittercams face similar challenges? Explain. Possible responses: Yes because scientists who use the Crittercams to study lion behavior and population health must do the same work and use the same tools shown in the game. They also have the added challenge of finding the lions, tranquilizing them, giving them physical exams, and putting the Crittercams and radio collars on them. All of this must be done without harming the lions. They must also retrieve the Crittercams and go through and edit the video footage after they are finished. This type of scientific research requires a lot of tools, technology, knowledge, time, and money.