Forensic Anthropology

Name ________________________________

Video 1: What role do anthropologists play in solving crimes?

1. What does a physical anthropologist do? Analyze ____________ remains to determine the ____________ of a victim as well as his/her life ____________, cause of ____________, or other ____________ about a crime.

2. What four things do we want to know about a skeleton?

- Determined by examining the skull, ____________, humerus, and ____________
- and ____________ (height/build) – Determined by analyzing the development of the ____________, bone growth, cranial ____________ lines, and the ____________ of specific bones, such as the femur.
- Determined by analyzing the ____________ for characteristics that are common among people of different races.

3. What other information can we learn from bones?

- samples can be collected from bone, teeth, and hair to provide clues to a person’s identity.
- Scientists may also be able to gain clues as to a person’s ____________, recent ____________, or the ____________ of ____________ based on bone fractures and other signs of trauma.

Video 2: Forensic Tools & Techniques

1. What techniques or tools did the scientists use to find the body? ____________

2. What is “disturbed soil”? What might it indicate? ____________

3. How did they narrow down the areas to investigate? ____________

4. Did they find a body? ____________

Quick Quiz:

1. ____________
2. ____________
3. ____________
4. ____________
5. ____________
6. ____________
7. ____________
8. ____________
9. ____________
10. ____________

Bone Challenge

What was your time?

___________
**Video 3: Identifying Human Remains**

How do scientists get clues from skeletal remains? List examples mentioned in the video.

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**Video 4: What Bones Tell Us**

1. What does “talking bones” mean? List 3 examples of clues.  
   __________________________________________________________________________
   __________________________________________________________________________
   __________________________________________________________________________

2. What is the database used to identify the origin and sex of a skull?  
   ________________

3. What clues did they learn about the skeleton examined? Explain.
   Sex/Origin -  
   __________________________________________________________________________
   Femur –  
   __________________________________________________________________________
   Chemical Composition -  
   __________________________________________________________________________
   Diseases -  
   __________________________________________________________________________