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

1. What does a physical anthropologist investigate?
2. What four things do we want to know about a skeleton?
3. What bones are most useful for developing a profile of a person? Explain how they are used.

**Forensic Anthropology**

What bones can provide clues for each of the following items?

- Sex
- Age & Stature
- Race

What other information can we learn from bones?

**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?

**Video 3: Reading the Remains**

1. What information do they provide for law enforcement agencies?
2. How many skeletons do they have in their collection?
3. What do they learn about a skeleton from each tool?
   - CT Scan –
   - X-ray –
   - Mass spectrometer –
   - Scanning electron microscope –
   - DNA Analysis –

**Quick Quiz:**

1. _____________
2. _____________
3. _____________
4. _____________
5. _____________
6. _____________
7. _____________
8. _____________
9. _____________
10. _____________
11. _____________
12. _____________

**Bone Challenge**

What was your time?

__________

*T. Trimpe 2010  http://sciencespot.net/*