**Activity: No Bones about it**

**NC Standards Alignment:**

**7.L.1**-Understand the processes, structures and functions of living organisms that enable them to survive, reproduce and carry out the basic functions of life.

**8.L.5.2**-Explain the relationship among a healthy diet, exercise, and the general health of the body (emphasis on the relationship between respiration and digestion).

**Careers Associated with Activity:**

**Orthopedic Surgeon:** Repairs breaks and fractures in bones of the body.

**Radiologic Technician:** Performs diagnostic imaging examinations (ex. x-rays, MRI, CAT scans) on patients.

**Chiropractor:** Deals with discomfort in the human vertebral and spinal column.

http://stemcareerawareness.wikispaces.com/Chiropractor

**Osteologist:** Reads and translates a human or animal bone’s story... is it human or animal... how old is it... etc..<br>
**Forensic Anthropologist:** Studies human remains for legal purposes, including police investigations.

http://stemcareerawareness.wikispaces.com/Forensic+Science+Technician

**Archeologists:** Uncover human and animal remains during digs. May use to date ancient fossils and learn more about ancient civilizations.

**Paleontologists:** Studies what fossils tell us about ecologies of the past, evolution, and human’s place in the world.

http://stemcareerawareness.wikispaces.com/Paleontologist

**Additional Multimedia Resources:**

The Power of Bones: Smithsonian Institution Video of a Forensic Anthropologist:

http://youtu.be/7cogeHybySI

Bare Bones: National Geographic Introduction of the Importance of Bones:

http://youtu.be/GQedanwEfHY

Skeleton Tutorial: Sheppard Software presents a tutorial and game to help learn the names of bones throughout the human body

http://www.sheppardsoftware.com/health/anatomy/skeleton/Skeleton_tutorial.htm

Amazing Facts About the Human Body: Bodyworlds constructed an information sheet about the skeletal, muscular, circulatory, nervous, immune, digestive, and respiratory systems.


The Real NCIS-Bones: Investigation Discovery Video showing how agencies utilize specific people within their departments to solve bone related mysteries.