Investigation #2 – 5th grade

FOSS: Human Body, Investigation #1 Bones, Part #3 Owl Pellets

by Schmitt, Spaulding, and Stauffer

Timing: 2 sessions of 40-50 minutes each

Big Idea/Science Concepts:

* bones have a variety of forms
* differences between human and rodent skeletons
* similarities between human and rodent skeletons

Hook:

* Mr. Bones puzzle from Part #2
* Draw a rodent skeleton using the information already learned

Necessary prior knowledge/experience:

* basic knowledge of the human skeleton
* prior knowledge of what rodents look like

Suggested improvements:

* 2 sessions may not be enough time – might need additional time

Lesson Extension:

* using bones from owl pellet – make changes/adjustments to drawing of rodent skeleton
* use Student Sheet #8 – Rodent Bone Identification – to compare with own drawing

Other Materials – needed for extensions:

* Student Sheet #8

Reflections:

Students will compare the human skeletal system to the skeletal system of a rodent. They will be able to discuss similarities and differences.