Group 1: Nancy, Julia, Janelle

Kit: Human Body

Investigation 1, Part 2: How do bones in our skeleton work together?

Big Idea:

How do bones in our skeleton work together?

Hook:

Would you be able to perform simple tasks (walking, sitting, writing) if your skeletal structure assembled differently?

Prior Knowledge:

Previous Lesson “Counting Bones”

Know how to use Brads

Suggested Adaptations/Improvements:

* Make a bone museum
* Make a bone fact book
* Look at skeletons of other animals

Extensions:

* Compare and contrast skeletons of other vertebrates and humans.
* Adapt the human skeleton to specific function and justify

Timing:

Day 1:

* Assemble Human Skeleton from puzzle pieces and document in science notebook.
* Compare puzzles to illustration from poster
* Make adjustments in science notebook
* Class discussion/ question session

Day 2:

* Review class discussion and questions from previous day
* Complete extension activity

Other Materials:

* Student sheet #3 and #6 to put in science notebooks
* Science notebooks
* Punch out bones (1 per group)
* “Human Body” student workbook per child
* pictures of skeletons of other mammals

QIP/SIP:

* Yes, but it’s not very “Meaty”
* Would be better with Day 2 extension activity