**FOSS Human Body**

**Investigation #1 “Mr. Bones” Puzzle Part 2**

**Grade: 5th**

**Time:** 45 minutes

**Authors:** Lannie Jones, Connie Adamo, Florence Jennings

**Hook**: How do bones work together?

**Big Idea:** Recognize position and orientation of the bones in the human body.

**Focus Question:** Do the bones have a certain position in the body

**Prior Knowledge:** Understanding number of bones, Investigation #1

**Materials: Each group needs:**

Mr. Bones Skeleton puzzle (colored coded on the back and punched out)

“Bone Names” Sheet # 3

“Response Sheet Bones” # 6

Box of fasteners

**Procedure:**

* Guide the Procedures from the previous investigation on counting bones
* Use response sheet “Response Sheet Bones” #6
* Check order of “Bones Name sheet” #3
* Pass out Mr. Bones – A , Mr. Bones –B, and brads to each group
* Students will assembly puzzle pieces see p.19 , #4
* Students will compare their sheet to the skeleton photo and Bone name sheet #3

**Concern:**

* There appears to be 2 “right hands” (thumbs point in the same direction because one shows palm side, and one shows the backside.
* The lower arm bones (radius and ulna) are crossed, or uncrossed. (NOTE: crossed = thumb is close to side of leg)

parallel = thumb is pointing outward ( TEACHERS see page 18 #5)