

PROJECT: SKELETAL MODEL OF YOU!

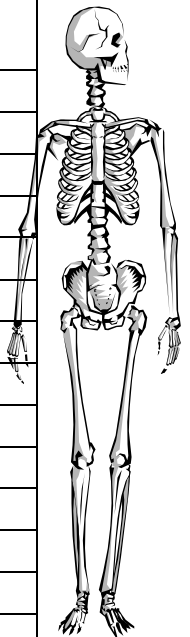
Introduction: Close your eyes and think of yourself as a skeleton. Imagine all your bones from the top of your head down to your toes. Did you know that you have 206 bones in your body?

Project: Create a skeletal model in the same proportions as yourself.

Criteria:

1. Use your time in class well. Stay focused, on task, and working with your partner.
2. Take measurements of all the bones on this list, using yourself and your partner as a model. Write measurements next to the appropriate bone on the list.
3. Reduce the size of each bone by 66%. Your model will be 1/3 the size of you. Record these calculations.
4. Using your measurements draw your bone pieces on non-lined paper. **On one side of each bone label it with the correct name. Write a memory clue (how you will remember the location and name of the bone) on the other side of the bone.** Then, cut out the pieces. Finally, connect the various bones using string, glue, paper clips, or some other method you find works well.

	Bones to be included in skeletal model	Measurement of you (in <u>cm</u>)	Scaled down measurements (1/3 the size of you (in <u>cm</u>))
<i>Axial Skeleton</i>	Skull: show and label parietal, frontal, maxilla, mandible, occipital, temporal bones		
	Sternum		
	Ribs: label true and false ribs		
	Vertebrae: 7 cervical, 12 thoracic, 5 lumber		
	Sacrum		
<i>Appendicular Skeleton</i>	Clavicle		
	Scapula		
	Humerus		
	Radius		
	Ulna		
	Carpals		
	Metacarpals		
	Phalanges		
	Hips		
	Femur		
	Patella		
	Fibula		
	Tibia		
	Tarsals		
	Metatarsals		



	Phalanges		
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Skeletal Model of You: *Name:* _____

Task	Possible Points	Points Earned
Use your time in class well. Stay focused, on task, and working with your partner.	10pts	
Clue for each bone.	15pts	
Reduce the size of each bone by 66%. Your model will be 1/3 the size of you. Using your measurements draw your bone pieces on non-lined paper.	10pts	
On one side of each bone label it with the correct name. all bones from sheet included	15pts	
Points earned and grade:	50 pts	