BONE IDENTIFICATION

OBJECTIVE:

5. Identify the bones in the human skeleton. (pp. 130 – 149)

STATION #1: THE SKULL

1. Color the following bones on the drawing at the right.

Cranial Bones

- Parietal (B)
- Frontal (C)
- Temporal (D)
- Ethmoid (E)
- Sphenoid (F)

Facial Bones

- Nasal (G)
- Lacrimal (I)
- Zygomatic (J)
- Maxilla (L)
- Mandible (M)
2. Color the following bones on the drawing below.

**Cranial Bones**
- Occipital (A)
- Parietal (B)
- Frontal (C)
- Temporal (D)
- Ethmoid (E)
- Sphenoid (F)

**Facial Bones**
- Nasal (G)
- Lacrimal (I)
- Zygomatic (J)
- Maxilla (L)
- Mandible (M)
3. Match the bone with the correct number from the diagram.

______ Ethmoid
______ Frontal
______ Lacrimal
______ Mandible
______ Maxilla
______ Nasal
______ Parietal
______ Sphenoid
______ Temporal
______ Zygomatic

4. Identify the numbered bones on the diagram below.

______ Ethmoid
______ Frontal
______ Lacrimal
______ Mandible
______ Maxilla
______ Nasal
______ Occipital
______ Parietal
______ Sphenoid
______ Temporal
______ Zygomatic
5. Go to Bone Station #1 and identify the bones represented by the following letters.

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STATION #2: RIBS, VERTEBRAL COLUMN, & PELVIS

5. Color the following bones on the diagrams below.

- Sternum, manubrium (A)
- Sternum, body (B)
- Xiphoid process (C)
- True ribs (D)
- False ribs (E and E¹)
- Costal cartilage (F)
- Thoracic vertebrae (G)

Anterior View

Posterior View
6. Color the brackets that represent the following bones.

- Cervical vertebrae (A)
- Thoracic vertebrae (B)
- Lumbar vertebrae (C)
- Sacrum (D)
- Coccyx (E)
7. Color the following areas on the diagrams of the pelvis shown below.

- [ ] Ileum (A)
- [ ] Ischium (B)
- [ ] Pubis (C)

![Anterior View](image1)
![Posterior View](image2)

8. Match the bone with the correct letter from diagram at the right.

- [ ] Cervical vertebrae
- [ ] Coccyx
- [ ] Lumbar vertebrae
- [ ] Sacrum
- [ ] Thoracic vertebrae

![Diagram](image3)

9. Match the bone with the correct letter from the diagram below.

- [ ] Coccyx
- [ ] Ileum
- [ ] Ischium
- [ ] Pubis
- [ ] Sacrum

![Diagram](image4)
10. Match the bone with the correct letter from the diagram at the right.

_____ Costal cartilage
_____ False ribs
_____ Sternum, body
_____ Sternum, Manubrium
_____ True ribs
_____ Xiphoid process

11. Go to Bone Station #2 and identify the bones represented by the following letters.

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12. Color the bones on the diagrams that follow.

- Femur (A)
- Tibia (B)
- Fibula (C)
- Patella (D)
13. Color the following bones on the diagrams that follow.

- Talus (A)
- Calcaneus (B)
- Cuboid (C)
- Navicular (D)
- Cuneiforms (E)
- Metatarsals (F)
- Phalanges (G)

14. Match the bone with the correct letter from the diagram at the right.

- Femur
- Fibula
- Patella
- Tibia
15. Match the bones with the correct letter from the diagram at the right.

______ Calcaneus
______ Cuboid
______ Cuneiforms
______ Metatarsals
______ Navicular
______ Phalanges
______ Talus
______ Tarsals

16. Go to Bone Station #3 and identify the bones represented by the letters below.

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**STATION #4: THE ARM**

17. Color the following bones on the diagrams that follow.

- Scaphoid (A)
- Lunate (B)
- Triquetrum (C)
- Pisiform (D)
- Trapezium (E)
- Trapezoid (F)
- Capitate (G)
- Hamate (H)
- Metacarpals (I)
- Phalanges (J)

Dorsal View

Palmar View
18. Color the following bones on the diagrams below.

- Clavicle (A)
- Scapula (B)
- Humerus (C)
- Ulna (D)
- Radius (E)
- Carpals (F)
19. Match the bone with the correct letter from the diagram below.

_____ Carpals
_____ Clavicle
_____ Humerus
_____ Metacarpals
_____ Phalanges
_____ Radius
_____ Scapula
_____ Ulna
20. Match the bone with the correct letter from the diagram at the right.

______ Capitate
______ Hamate
______ Lunate
______ Metacarpals
______ Phalanges
______ Pisiform
______ Scaphoid
______ Trapezium
______ Trapezoid

21. Match the bone with the correct letter from the diagram below

______ Capitate
______ Hamate
______ Lunate
______ Metacarpals
______ Phalanges
______ Pisiform
______ Scaphoid
______ Trapezium
______ Trapezoid
______ Triquetrum
22. Go to Bone Station #4 and identify the bones represented by the following letters

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23. Go to Bone Station #5 and identify the bones represented by each of the following letters.

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24. Go to Bone Station #6 and identify the bones represented by each of the following letters.

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