EXPLORING THE BONES OF THE SKULL, SPINE, AND RIB CAGE, HANDS, AND FEET

COLOR THE SKULL BONES DIFFERENTLY AND LABEL AS MANY PARTS AS YOU CAN FROM THE BOOK.

1. What are skull sutures?
2. What might cause a depression fracture in the skull?
3. Would the specific location make a difference in the severity of the injury? Explain.
4. What is the only moveable bone in the face?
5. What skull bones are located “inside” that we can’t see from the image in the book?
6. What is the correct term for cheek bones?
7. What facial structures are noticeable in different nationalities or ethnicities? Explain.
8. Where is the hyoid bone located? What muscle is it attached to?

COLOR THE SPINAL COLUMN. MAKE SURE TO DISTINGUISH THE DIFFERENT SECTIONS.

1. Label the bones of the cervical, thoracic, and lumbar spine.
2. What is a hangman’s fracture? Can a person survive after sustaining one?
3. Where is the odontoid process (dens) located?
4. Can a person have an additional lumbar vertebral body?
5. How do I know where the thoracic spine ends and the lumbar begins?
6. Draw the sternum and all of its parts.
7. How do you treat a rib fracture?

COLOR THE HANDS AND FEET DIAGRAMS.

1. Correctly label the three cuneiforms of the foot.
2. Correctly distinguish the proximal, medial, and distal phalanges of the foot.
3. Distinguish between the 1st through 5th metatarsals.
4. What are two other accurate terms for the big toe?
5. How are the thumb and great toe similar?
6. What problems may occur with someone who has “flat feet” or “high arches”?
7. Correctly label the proximal, medial, and distal phalanges of the hand.
8. Distinguish between the 1st through 5th metacarpals.
9. What is another accurate term for the scaphoid bone?
10. Which phalange does not have a medial phalanx?
11. What is “carpal tunnel” syndrome?
12. What actually happens when you “jam” a finger from playing a sport?