

The Skeletal System

- ▶ The main Functions of the Skeletal System is to create a framework For the body, protect organs in the body, produce movement, store calcium and produce red blood cells.

Long Bones

- ▶ Makes up most bones in the arms and legs.
- ▶ Has a long shaft (hence why it's names "Long bone")
- ▶ Facilitates movement and supports the weight of the body.
- ▶ Long bones include bones that make up the major part of the arms and legs, the metatarsals (foot bones), metacarpals (hand bones) and phalanges.

Short Bones

- ▶ Equal in length and width, like a cube
- ▶ Include the Carpals (wrist bones) and tarsals (ankle bones)
- ▶ Provide stability and movement.

Flat Bones

- ▶ Thin, flat and some are curved. **Metacarpals**
- ▶ Protect internal organs like a shield
- ▶ Found in the ribs, sternum and include cranial bones.

Irregular Bones

- ▶ Odd shaped, like a puzzle piece
- ▶ Do not fit the characteristic traits of other bones
- ▶ Includes the hip bones, vertebrae and sacrum

Sesamoid Bones

- ▶ A small bones that us usually embedded within a muscle or tendon near joints.
- ▶ Functions as a pulley to alleviate stress on the particular muscle or tendon it is embedded on
- ▶ Includes the Patella and bones that make up the knuckles on the hands and feet.

9 pages total



Anatomy And Physiology Skeletal System Study Guide

Wolfgang Guggemos



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Study Guide for The Anatomy and Physiology Learning System Edith Applegate, 2010-03-30 Designed to accompany The Anatomy and Physiology Learning System 4th Edition by Edith Applegate this study guide helps you learn and review basic A P concepts Each chapter emphasizes medical terminology with a set of key terms word parts clinical terms and abbreviations and then adds a variety of fun filled learning exercises review questions a quiz and a word puzzle The study guide corresponds to the textbook chapter for chapter Chapter learning objectives help you focus on the most important material Key concepts are defined on the first page of each chapter in the workbook Learning exercises for each chapter include short answer matching and diagrams to label and color Self quizzes allow you to measure your progress and understanding Fun and Games features end each chapter with a variety of engaging puzzles covering words and concepts A chapter summary provides a brief review of each chapter A chapter review provides questions for reinforcement and review of the concepts in each chapter

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