**Topic Key Concepts**

Common Diseases/Injuries

Osteoporosis

Arthritis

Strains/Sprains

Breaks

Scoliosis

Chronic back pain

Leukemia

Joints

Types

Synovial

Ball and socket

Ellipsoidal

Hinge

Pivot

Gliding

Tendons

Ligaments

Cartilage

Skeletal System

Vertebrates

Invertebrates

Changes in skeletal structure

Start with 300 bones, which fuse in adult to 206 bones

Axial skeleton

Appendicular skeleton

Bones

Structure

Cartilage

Cortical bone (hard bone)

Periosteum (membrane)

Compact Bones

Bone marrow

Bones and Joints