

UNIT 4 - SKELETAL SYSTEM

ACTIVITY- Bones Study

Objective: The student will learn the parts of the skeleton and the definitions of the terms associated with the skeletal system. Identification of all bones and joints as well as bone markings is the ultimate goal.

Materials: Full Skeleton
Disarticulated Skeleton
Skull and Spine models
Handouts
Reference Books x 6
Instructions Sheets
Station Signs

Review: During the first ten minutes of class review the terms associated with the skeletal system. Joints and bone markings should be reviewed with the handout from the previous lesson.

Activity: Divide the class into six cooperative learning groups. No more than six to a group. They will work in groups and partnerships within the group to study the names of the 206 bones of the body. The groups will be divided as follows:

- 1 - Skull and facial bones including the hyoid
- 2 - Cervical vertebrae; stress atlas and axis
- 3 - Thoracic vertebrae and joints
- 4 - Lumbar vertebrae and spinal curvatures
 - lordosis
 - kyphosis
 - scoliosis
- 5 - upper extremities; pectoral girdle
- 6 - lower extremities; pelvic girdle

This is a two day experience. Students will rotate through each group for 25-30 minutes in a rotation station. At each station the student will:

- identify bones
- discuss with the group
- identify bone markings
- manipulate joints

Worksheets / Study guides at each station will help focus on key information.