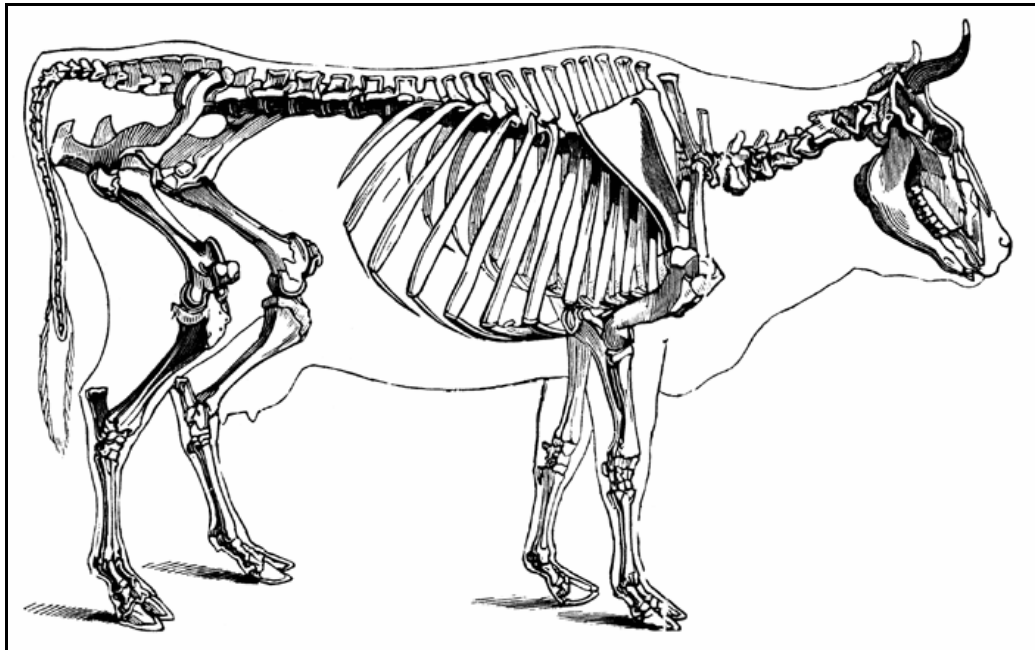


LESSON 9 - ASSIGNMENT

1. Explain the role of the skeletal system in an animal. Write no more than 100 words
2. Describe the anatomy of a typical long bone. Write no more than 100 words.
3. Explain how bone is formed in an animal. Write no more than 200 words.
4. Explain the operation of a freely moving joint in a skeleton. Write no more than 100 words.
5. Differentiate between different types of bone fractures in animals including: simple breaks and compound fractures, using illustrations explain the different fractures and how they look. Write no more than 100 words.
6. Describe the healing process for the different types of fractures. Write no more than 100 words.
7. Use the unlabelled picture of the cow below:



Research and label the following different skeletal parts:

- Humerus
- Tarsals
- Transverse process
- Temporal fossa
- Mandible
- Axis
- Cartilage
- Thoracic vertebrae
- Elbow joint
- Appendicular skeleton
- Femur
- Metatarsals
- Scapula
- Ilium
- Maxilla
- Skull
- Cervical vertebrae
- Lumbar vertebrae
- Axial skeleton
- Vertebral disc
- Tibia
- Phalanges
- Costal cartilages
- Pubis
- Atlas
- Metacarpus
- Carpus
- Sacral vertebrae
- Fetlock joint
- Coccygeal vertebrae