

MUSCULOSKELETAL SYSTEM

Discuss the following:

- parts of musculoskeletal system
- what are bones
- function of the skeletal system
- parts of bones
- types of bones
- any bones of the skull
- types of vertebral bones
- bones of arms x hands
- bones of legs x feet

Match the bones with their common names.

- | | |
|---------------------|-----------------------------|
| 1 coccyx | a skull |
| 2 clavicle | b thigh bone |
| 3 scapula | c bones of fingers and toes |
| 4 sternum | d jaw bone |
| 5 pelvis | e breastbone |
| 6 femur | f hip bone |
| 7 patella | g collarbone |
| 8 tarsus | h tailbone |
| 9 phalanges | i shoulder blade |
| 10 carpus | j wrist bone |
| 11 tibia | k spine |
| 12 mandible | l ankle bone |
| 13 cranium | m shin bone |
| 14 vertebral column | n kneecap |

Complete the text.

The musculoskeletal system _____ of bones, joints, and muscles. Bones are the principal organs of _____ and protection for the body. Joints are the places where two bones meet or _____. Bones are unable to move _____ the help of muscles, _____ is provided by muscular tissue. Muscles are usually _____ to two bones, and during contraction, one bone is drawn toward _____. This way muscles produce movement by exerting a force on the bones to which they are attached.

Movement of the body is enabled by bones acting as points of attachment for muscles, j_____, t_____, and l_____. The larger bones contain bone _____ which is responsible for blood cell formation, or _____. The bones serve as _____ for minerals, mainly phosphorus and calcium.