

NAME: \_\_\_\_\_

GRADE: 5

DATE: \_\_\_\_\_

SUBJECT: SCIENCE

Practice paper 2

**Lesson: Bones and Muscles**

**Key words:** Organs, Skeleton, Biceps, Triceps, Contract, Voluntary, Involuntary, Muscles, Joints, Bone marrow, Tendons, Ligaments, Cardiac, Ribs, Skull, Limbs, Vertebrae.

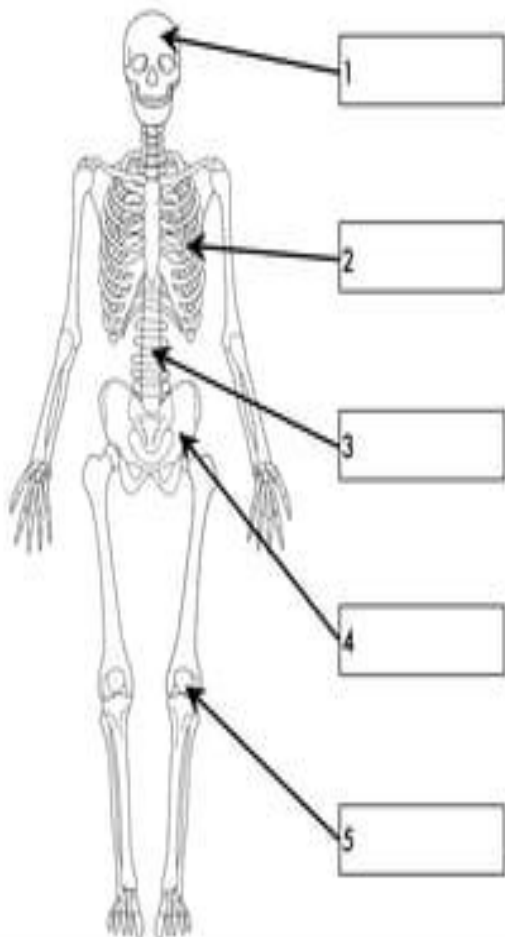
**THE HUMAN SKELETON**

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Match up the following bones with the correct box on the diagram below:

**knee cap, ribs, pelvis, skull, backbone**



Answer the questions below in the space provided.

1.) Which 3 jobs does the skeleton do in our body?

i.) .....

ii.) .....

iii.) .....

2.) Which important organ inside the body does the skull protect?

.....

3.) Which two important organs inside the body do the ribs protect?

.....

4.) The knee cap bone is found where the bones of the lower leg and upper leg meet. What is the special name for where bones meet?

.....



## The Skeletal System

Use the words in the box to fill in the blanks.

protect	skeleton	skeletal	jellyfish
blood	ribcage	cranium	marrow
shape	tendon	ligaments	move
bones	minerals		

There are around 206 \_\_\_\_\_ in the adult human body. These bones plus the connecting tissue make up the \_\_\_\_\_ system.

The skeletal system is very important for many reasons. Some bones help \_\_\_\_\_ our organs. The \_\_\_\_\_, for example, protects our brains and the \_\_\_\_\_ protects our lungs.

The skeletal system also gives us our \_\_\_\_\_. Without a \_\_\_\_\_, we would be shapeless blobs like a \_\_\_\_\_ or an earthworm. Our bones, which are connected by \_\_\_\_\_, provide a frame for the rest of the organs, giving us our unique body shape.

The skeletal system also helps us \_\_\_\_\_. Muscles, which are attached to bones by \_\_\_\_\_, cause the bones to move, which makes our bodies move.

Bones also help your body store \_\_\_\_\_ such as calcium. If there is too much calcium in the blood, some of it becomes bone. If there is not enough calcium, then the bones give some to the blood.

Finally, another important function of bones is to produce \_\_\_\_\_. Inside bones there is a soft substance called \_\_\_\_\_, which is used to make blood cells.