Teacher Noor
The skeletal system

1-The **axial skeleton** includes the skull, vertebral column, the ribs, and the sternum.

2-The **appendicular skeleton** includes the bones of the shoulders, arms, hands, hips, legs, and feet.

3-The outer layers of all bones are composed of, **compact bone**, which is dense and strong, providing strength and protection.

4-**Osteocytes** is a living bone cells – are found in the compact bone.

5-The outer layers of all bones are composed of **compact bone**.

6-**sponge bone** is less dense. It is found at the center of short or flat bones and at the end of long bones.

7-Yellow bone marrow consists of stored **fat**.

8-Red and white blood cells and platelets are produced in **red bone marrow.**

9-The formation of bone from osteoblasts is called **ossification.**

10-Cells called **osteoclasts** break down bone cells, which are replaced by new bone tissue.

11-**Tendons** connect skeletal muscles to the bones, whereas ligaments connect bones to bones.

12-When a bone breaks but does not come through the skin, it is a **simple fracture**.

13-A **compound fracture** is one in which the broken bone protrudes through the skin.

LIVEWORKSHEETS