Objective

• SWBAT relate the parts of the skeletal system to their functions.
Earth during a solar eclipse
Shark eating shark
Functions of the Skeletal System

• Gives the body structure
• Protects internal organs
• Works with muscles to allow the body to move
The skeletal system gives the body structure and shape!
It protects your internal organs!
It allows you to move!
Bones

- Adult human skeleton has 206 bones
- Bones store minerals (ex.: calcium)
- **Bone marrow** inside bones makes red and white blood cells
- Bones work with muscles to move the body
Check For Understanding

• What is the main function of bone marrow?
  A. It stores minerals like calcium.
  B. It helps the bone move.
  C. It produces blood cells.
  D. It protects the outside of the bone.
Cartilage

- Flexible, rubbery tissue on ends of bones
- Cushions area where two bones meet to prevent wear and tear
- Most bones start out as cartilage before developing into bone
Check For Understanding

• What is the main function of cartilage?
A. It produces blood cells.
B. It stores minerals like calcium.
C. It cushions the places where bones meet.
D. It moves bones.
Joints

• Place where two bones meet
• Joints allow the body to bend and move
• Bones at a joint are held together by ligaments (made of connective tissue)
Check For Understanding

• Which tissue in the skeletal system cushions the area where two bones meet?

A. tendon  
B. marrow  
C. ligament  
D. cartilage
Check For Understanding

• Which of the following is **not** a function of the skeletal system?
A. It protects internal organs.
B. It works with muscles to move parts of the body.
C. It gives the body structure.
D. It breaks down food for body cells.