HUMAN BODY
BONES
JOINTS
MUSCLES

COORDINATION
Big idea: The human body is a system made up of integrated subsystems that coordinate and perform a variety of operations.
A human body can move in many ways. Movements are aided and limited by bone & joint structures.
Bones have a variety of forms.
A response is a reaction to a stimulus.
Bones have three major functions in the human body: support, protection and locomotion.
The human body has an articulated skeleton ready for action.
The structure of a bone is related to its function.
The human skeleton has three types of joints: hinge, ball & socket, and gliding joints.
The main function of muscles is to provide movement.
Muscle tissue contracts when it works.
Muscles provide coordination and structure for the body.
Muscles attach to bones with tissues called tendons.
The action of bones, muscles, and central nervous system working together is called coordination.
A stimulus is an event that triggers a response. It is often information received through the senses.
Response time is the length of time between a stimulus and a response.