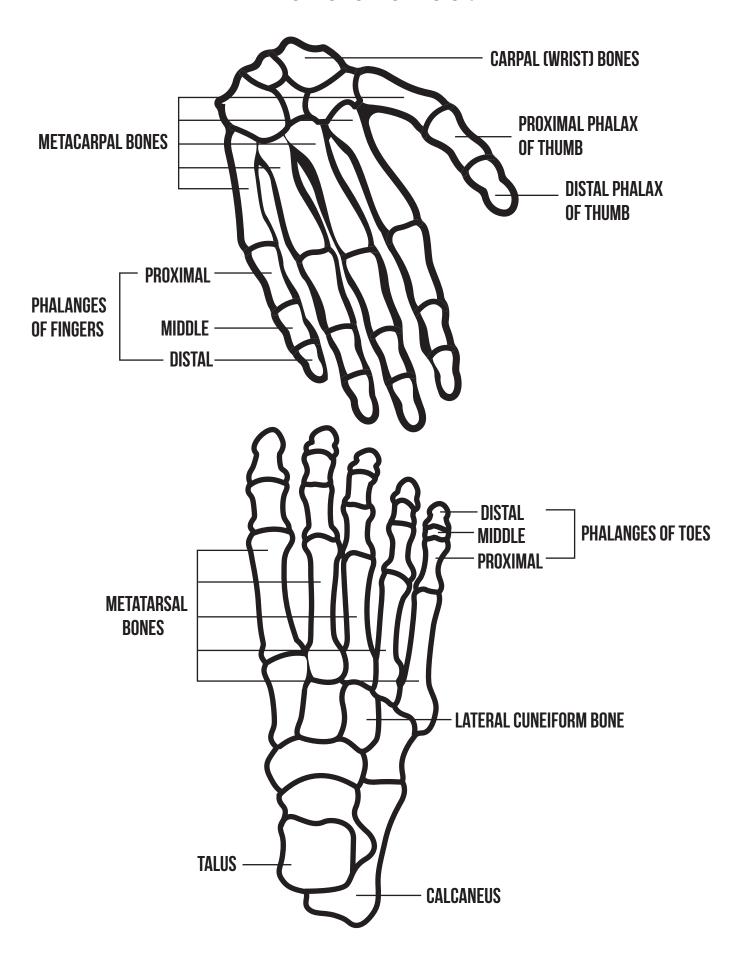
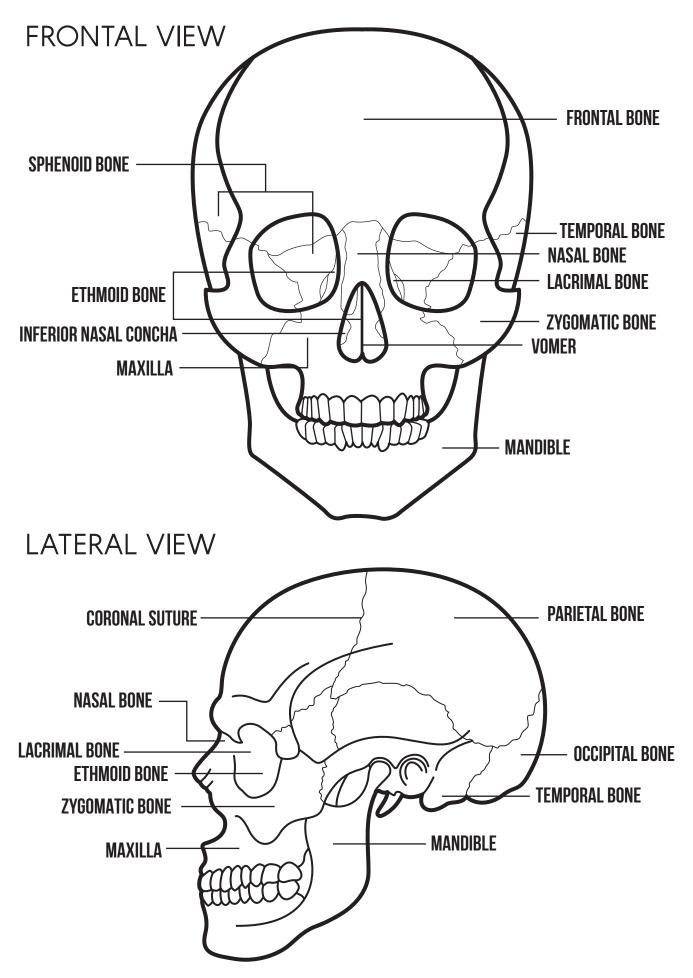


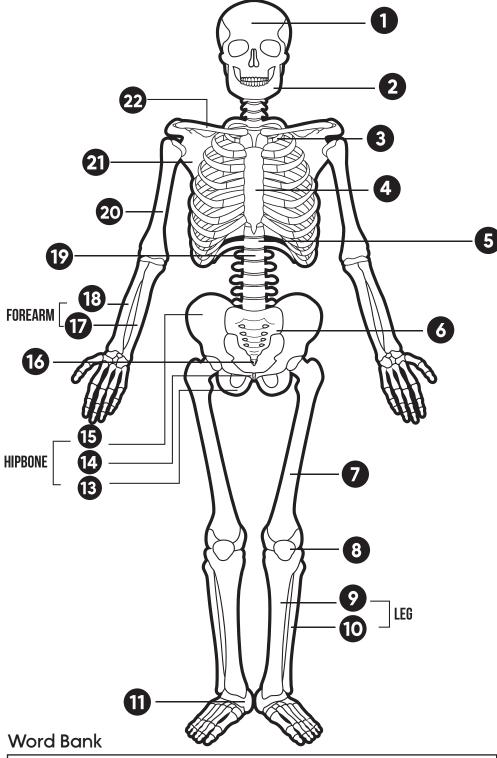
Hand and Foot



Skull



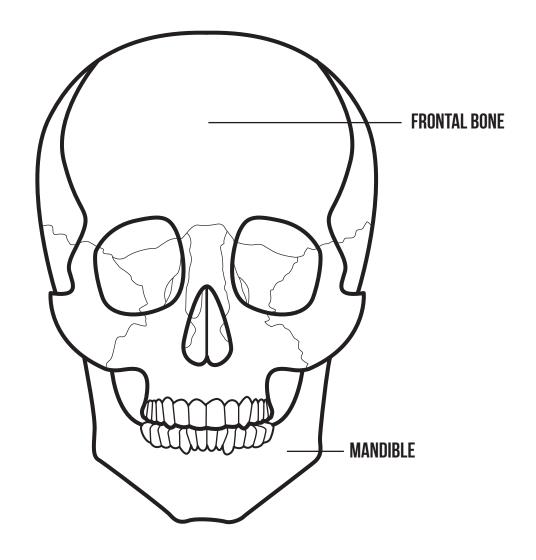
Labeling Activity



1st lumbar vertebra	ilium	patella	12th thoracic vertebra	humerus calcaneus
radius	ischium	tibia	sternum	scapula
ulna	pubis	fibula	1st rib	clavicle
соссух	femur	sacrum	mandible	frontal bone

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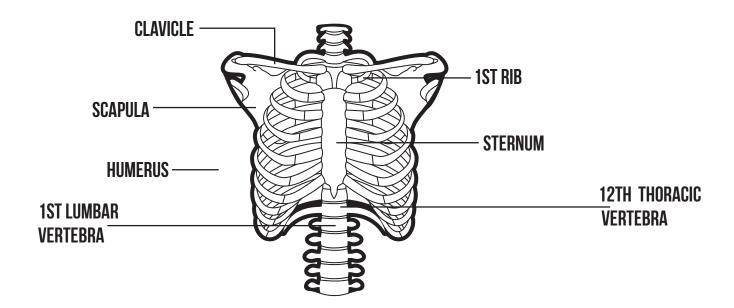
Parts and Functions



Frontal Bone – It is a skull bone that forms the forehead and protects the brain.

Mandible – Supports the lower teeth and enables chewing and speech.

Parts and Functions



1st Rib – It protects the heart and lungs and provides attachment for muscles involved in respiration.

Sternum- It protects vital organs such as the heart and lungs.

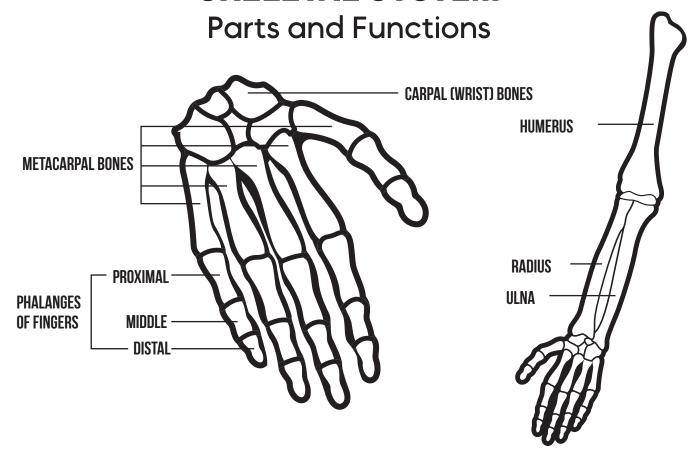
12th Thoracic Vertebra- It supports the rib cage and allows limited movement while protecting the spinal cord.

1st Lumbar Vertebra – It supports the lower back and allows flexibility and movement while protecting the spinal cord.

Humerus- A bone located at the upper arm connects the shoulder to the elbow, allowing arm movement.

Scapula– It connects the upper arm to the body and allows shoulder movement.

Clavicle- Supports arm movement and connects the shoulder to the ribcage.



Humerus- A bone located at the upper arm connects the shoulder to the elbow, allowing arm movement.

Radius - One of the two forearm bones, allowing wrist rotation.

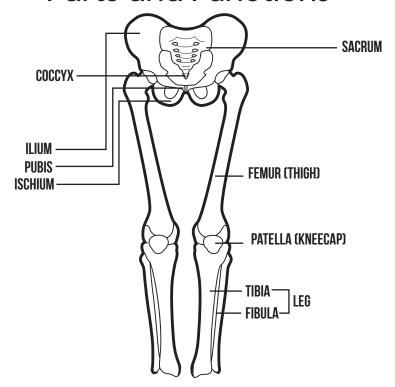
Ulna - Works with the radius to enable forearm movement.

Metacarpal Bones – These are the five bones in the middle of the hand. They connect the carpals to the phalanges and help with hand movement, gripping, and support.

Phalanges – These are the bones in the fingers and thumb. They allow us to grasp, hold objects, and perform fine motor tasks like writing and typing.

Carpal Bones – These are the eight small bones in the wrist. They provide flexibility and movement to the wrist, allowing rotation, bending, and gripping motions.

Parts and Functions



Sacrum - It connects the spine to the pelvis and provides stability.

Femur- It is the longest and strongest bone that supports weight and movement.

Patella (Kneecap) – Protects the knee joint and enhances leverage for leg movement.

Tibia- It is a prominent, weight-bearing lower leg bone.

Fibula- It gives support and stability to the lower leg but does not bear much weight.

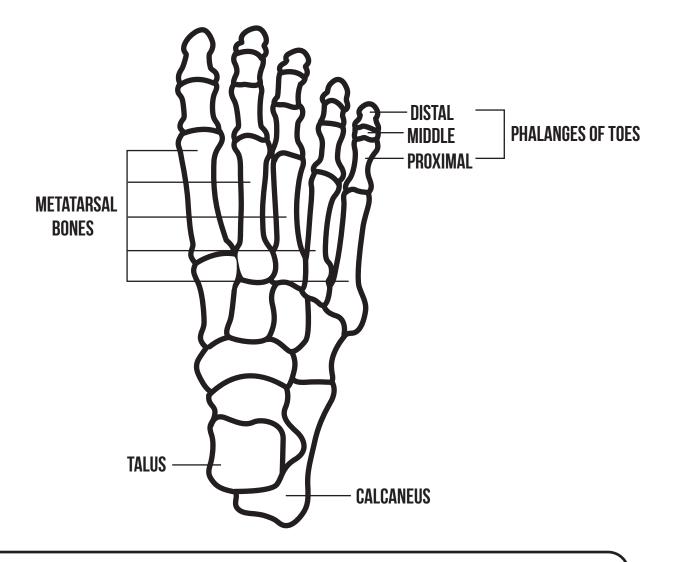
Ilium- It is located at the uppermost part of the hip bone, supporting the body's weight and providing muscle attachment.

Pubis – Part of the pelvis that supports the body's weight and protects internal organs.

Ischium- It is the lower part of the pelvis that supports body weight when sitting.

Coccyx- Provides attachment for ligaments and muscles of the pelvic floor.

Parts and Functions



Phalanges of Toes- These allow movement and flexibility in the toes, helping with balance and walking.

Metatarsal Bones – These are the five long bones in the middle of the foot that help support body weight and provide stability while walking or running.

Talus- This connects the foot to the leg and helps with movement by allowing the ankle to bend and flex.

Calcaneus – This is the largest bone in the foot and helps absorb shock when walking, running, or jumping.

Word Search

	М	Ε	Q	W	R	В	Т	S	Υ	U	Q	Χ
Skull	J	Α	Ε	R	I	R	Υ	R	K	U	Α	С
Mandible	J	R	N	R	Н	Н	Α	N	М	U	L	С
Clavicle	С	В	В	D	F	D	K	В	Ε	В	L	В
Sternum	Α	Е	N	N	ı	М	М	L	Т	Р	Е	L
Scapula												
Humerus	R	T	0	U	В	В	M	М	Α	Н	T	X
Radius	Р	R	S	0	U	0	L	М	T	Α	Α	Н
Ulna	Α	Е	0	I	L	0	L	Ε	Α	L	Р	U
Carpals	L	V	U		٨			т	D	٨	_	м
Metacarpals				U	Α	L	L	Т	R	Α	С	М
Phalanges	S	Т	Ε	R	N	U	M	Α	S	N	N	Е
Rib	Т	Α	R	S	Α	L	S	С	Α	G	М	R
Vertebrae	Е	F	Е	М	U	R	Z	Α	L	Ε	K	U
Sacrum												
Соссух	U	L	Υ	Υ	Т	R	Е	R	S	S	Р	S
Pelvis	S	Α	С	R	U	M	Ε	Р	Q	L	Ε	Z
Femur	В	N	Α	I	Α	S	С	Α	Р	U	L	Α
Patella	V	V	Х	С	V	N	N	L	М	L	V	z
Tibia												<u>-</u>
Fibula	Т	ı	В	I	Α	Α	Υ	S	Н	N	ı	L
Tarsals	T	Α	L	U	S	S	L	F	V	Α	S	K
Metatarsals	Α	Α	X	Υ	С	С	0	С	N	В	J	J
Talus Calcaneus	С	Α	L	С	Α	N	E	U	S	Α	J	L

Word Search

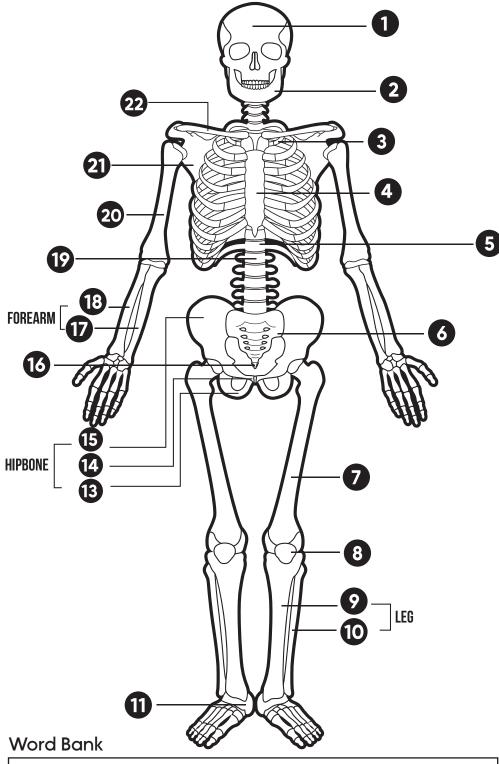
Skull
Mandible
Clavicle
Sternum
Scapula
Humerus
Radius
Ulna
Carpals
Metacarpals
Phalanges
Rib
Vertebrae
Sacrum
Соссух
Pelvis
Femur
Patella
Tibia
Fibula
Tarsals
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A	Е	N	N		M	M	L	Т	P	E	L
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A	Е	0	1	L	0	L	E	Α	L	Р	U
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В	N	A		Α	S	С	Α	Р	U	L	Α
V	V	X	C	V	N	N	L	М	L	V	Z
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С	Α	L	С	Α	N	E	U	S	Α	J	L

Answer Key

SKELETAL SYSTEM

Labeling Activity



1st lumba vertebra	^{Ir} ilium	patella	12th thoracic vertebra	humerus calcaneus	
radius	ischium	tibia	sternum	scapula	
ulna	pubis	fibula	1st rib	clavicle	
соссух	femur	sacrum	mandible	frontal bone	

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Parts and Functions Identification

supp	orts arm	movemen	t and cor	nects the	shoulder to	the ribcage.	
conr movement.	nects the	upper arm	n to the b	ody and a	llows should	er	
is one	of the tw	vo forearm	n bones, c	allowing w	rist rotation.		
is the movement.	longest c	ınd strong	est bone	that supp	orts weight	and	
is a pro	minent, w	eight-bed	aring lowe	er leg bone	Э.		
gives weight.	support a	nd stabilit	y to the k	ower leg b	ut does not	bear much	
works	with the	radius to e	enable for	earm mov	/ement.		
pro	tects the	knee joint	and enha	ances leve	rage for leg	movement.	
is a allowing arm			e upper a	rm conne	cts the shou	lder to the elbo	W,
conne the ankle to b			eg and he	elps with n	novement b	y allowing	
is walking, runni			the foot	and helps	absorb shoo	ck when	
	_is a skull	bone that	forms th	e forehea	d and proted	cts the brain.	
sup	ports the	lower tee	th and er	nables che	wing and sp	eech.	
Word Bank							
Clavicle	Radius	Tibia	Ulna	Humerus	Calcaneus		
Scapula	Femur	Fibula	Patella	Talus	Mandible	Frontal Bone	

Parts and Functions Identification

Clavicle supports arm movement and connects the shoulder to the ribcage.

<u>Scapula</u> connects the upper arm to the body and allows shoulder movement.

Radius is one of the two forearm bones, allowing wrist rotation.

<u>Femur</u> is the longest and strongest bone that supports weight and movement.

<u>Tibia</u> is a prominent, weight-bearing lower leg bone.

<u>Fibula</u> gives support and stability to the lower leg but does not bear much weight.

Ulna works with the radius to enable forearm movement.

<u>Patella</u> protects the knee joint and enhances leverage for leg movement.

<u>Humerus</u> is a bone located at the upper arm connects the shoulder to the elbow, allowing arm movement.

<u>Talus</u> connects the foot to the leg and helps with movement by allowing the ankle to bend and flex.

<u>Calcaneus</u> is the largest bone in the foot and helps absorb shock when walking, running, or jumping.

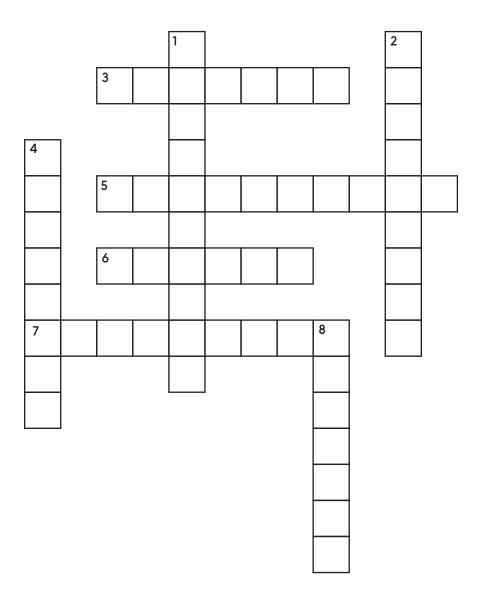
Frontal Bone is a skull bone that forms the forehead and protects the brain.

<u>Mandible</u> supports the lower teeth and enables chewing and speech.

Word Bank

Clavicle	Radius	Tibia	Ulna	Humerus	Calcaneus	
Scapula	Femur	Fibula	Patella	Talus	Mandible	Frontal Bone

Word Puzzle



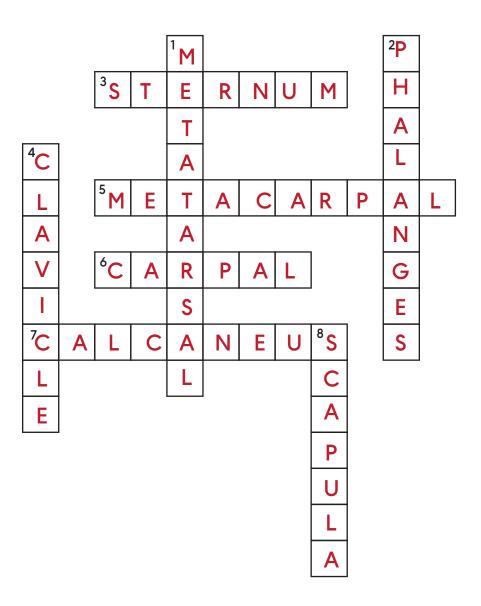
ACROSS

- 3. It protects vital organs such as the heart and lungs.
- 5. These are the five bones in the middle of the hand. They connect the carpals to the phalanges and help with hand movement, gripping, and support.
- 6. These are the eight small bones in the wrist.
- 7. This is the largest bone in the foot and helps absorb shock when walking, running, or jumping.

DOWN

- 1. These are the five long bones in the middle of the foot that help support body weight and provide stability while walking or running.
- 2. These allow movement and flexibility in the toes, helping with balance and walking.
- 4. Supports arm movement and connects the shoulder to the ribcage.
- 8. It connects the upper arm to the body and allows shoulder movement.

Word Puzzle



ACROSS

- 3. It protects vital organs such as the heart and lungs.
- 5. These are the five bones in the middle of the hand. They connect the carpals to the phalanges and help with hand movement, gripping, and support.
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