

## Unit 4A: Moving and Growing

# Learnanywhere

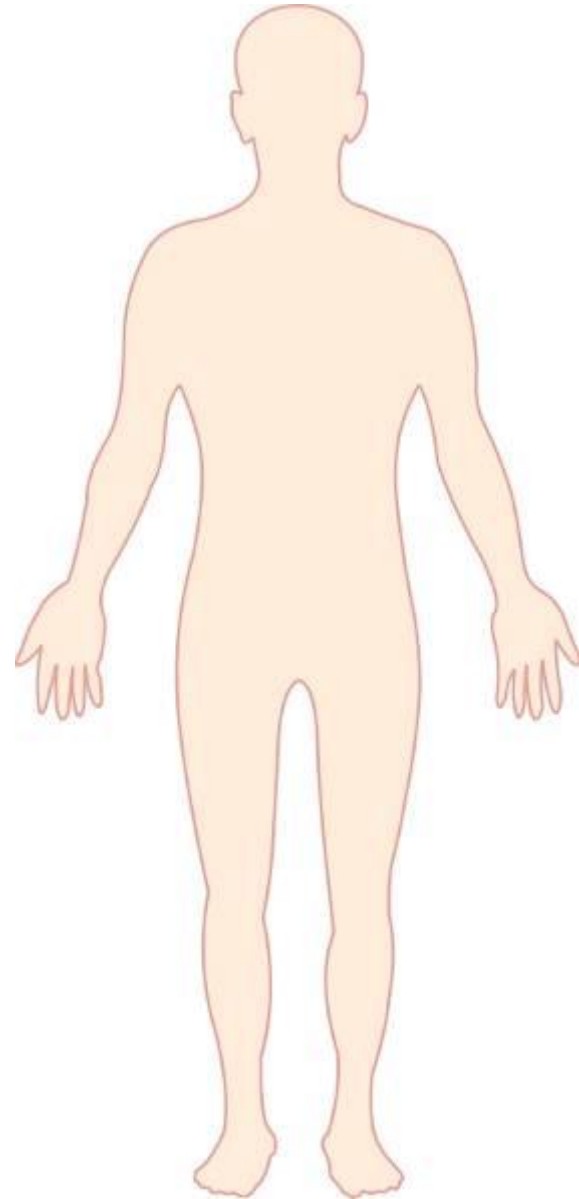
# Moving and Growing

Where are the Ribs?

How many can you feel on yourself?

Where else can you feel bones?

Where are there other bones in the body?



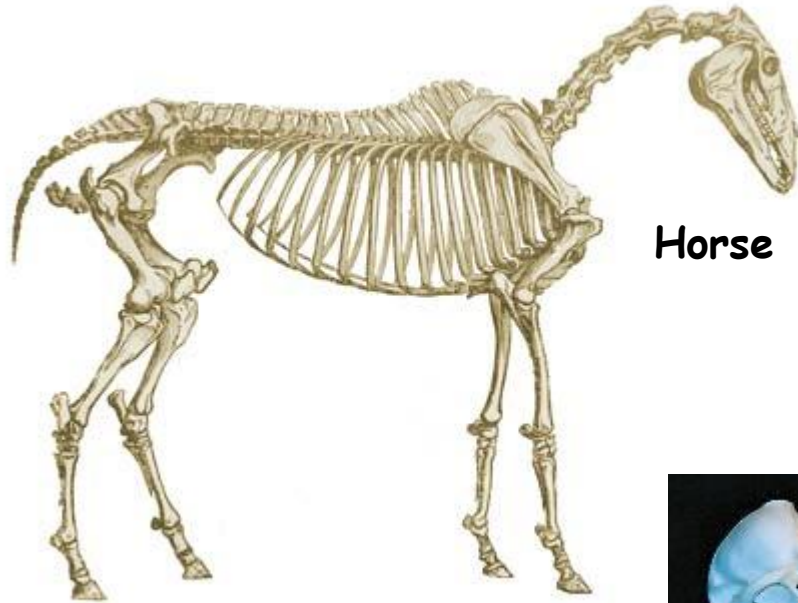
## Some useful words

<b>Ribs</b>	The bones that protect the lungs and other major organs. Humans have 12 on each side.
<b>Spine</b>	Sometimes called the backbone. It's actually made up of lots of ring shaped bones.
<b>Skull</b>	The bone that protects the brain.
<b>Contract/ Contraction</b>	To get shorter, muscles contract to move bones
<b>Relax</b>	When a muscle relaxes it gets longer
<b>Vertebrate</b>	Sometimes called the spine

# Skeletons



Human



Horse



Dog

Can you see any similarities between the different skeletons?  
Can you see any differences between the different skeletons?

## Bones

Use words from below that best describe bones

hard

weak

strong

rough

smooth

solid

brittle

hollow

same shape

different shapes

# The Skeleton

Child Skeleton



Adult Skeleton



## Differences in skeletons investigation

1. Who has the longest arms, boys or girls?
2. Are adult's heads bigger than children's heads?

**Select one question to investigate:**

What do you think you will find and why do you think this? (This is your prediction)

How are you going to collect evidence? What will you measure each time? What apparatus will you use to take your measurements?

How will you ensure this evidence is reliable?

How will you record the results?

What do your results show?  
Does this support your prediction?

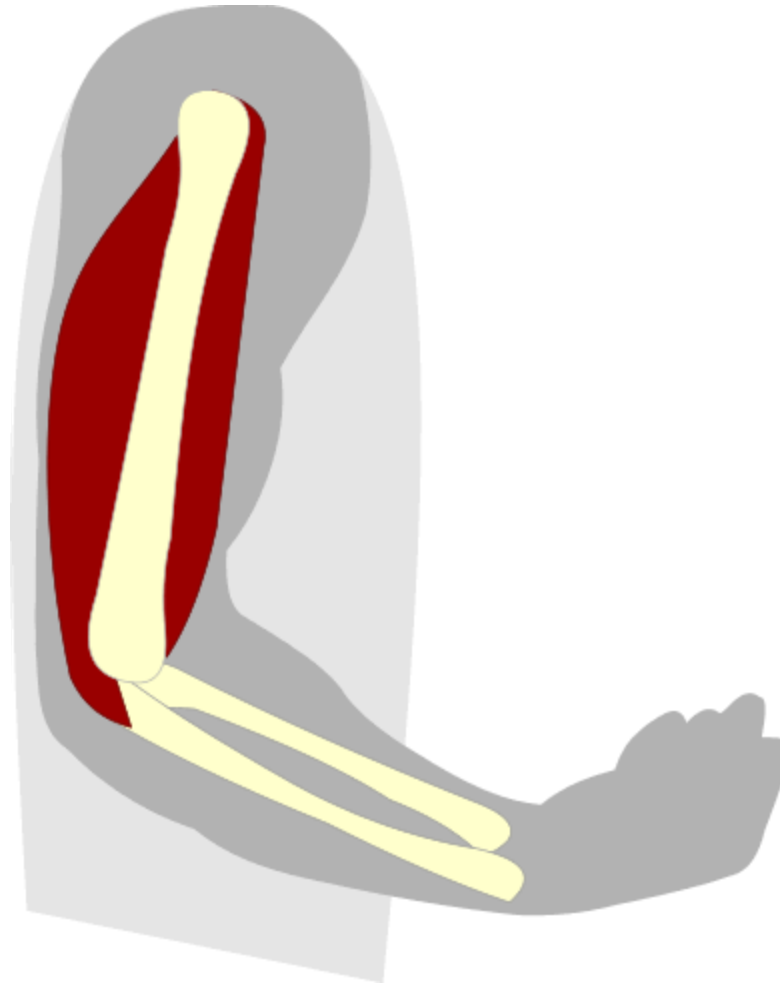


# What does the Skeleton do?





# How does the Skeleton move?



The Effect of Exercise

Activity	Breathing Rate	Temperature	Other

