



### Science Animals including Human: Food and our bodies

#### Lesson

#### Enquiry Question

- 1 Are all animal diets the same?
- 2 Why do our bodies need nutrients?
- 3 What does a healthy meal look like?
- 4 Which foods and drinks can negatively impact our health?
- 5 What are the functions of the skeleton?
- 6 Do skeletons all look the same?
- 7 How do muscles enable movement?



Endoskeleton

bones inside the human hand



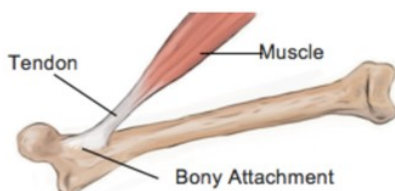
Exoskeleton

the shell outside a snail



Hydrostatic skeleton

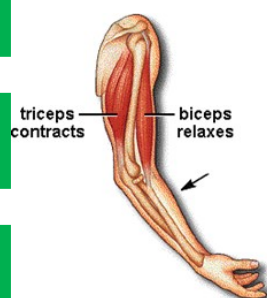
water pressure inside an earthworm



Tendon

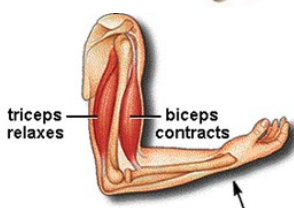
Muscle

Bony Attachment



triceps contracts

biceps relaxes



triceps relaxes

biceps contracts

#### Key vocabulary:

herbivore  
omnivore  
carnivore  
carbohydrate  
protein  
fats  
vitamins  
minerals  
fibre  
vertebrate  
invertebrate  
endoskeleton  
exoskeleton  
hydrostatic skeleton  
support  
protect  
move  
joints  
relax  
contract