| Name: | Date: | Class Period: |
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### Definition

Arthropods with at least three pairs of legs and three body regions (head, thorax, and abdomen).

They are very small creatures with particular characteristics

#### Characteristics

- Exoskeleton
- Three main body parts
  - Head
  - Thorax
  - Abdomen
- Antennae on head
- Three pairs of legs
- Two pairs of wings
  - Some do not have fully developed wings for flying

### Word

## **Insects**

### **Examples**

- Ants
- Bees
- Wasps
- Beetles
- Butterflies
- Dragonflies
- Fleas

### Non-examples

- Spiders
- Scorpions
- Ticks
- Worms
- Millipedes
- Dogs
- Crabs
- Birds

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### **Definition**

- The upper opening of the digestive tract
- The body opening by which an animal takes food

#### Characteristics

#### Chewing Insects:

- Mandible (2)
- Maxilla
- Labium
- Hypopharynx

#### Siphoning Insects:

- **Proboscis**
- Stylet (females)

#### Sponging Insects:

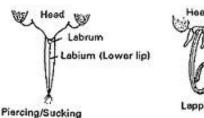
Labellum

Word

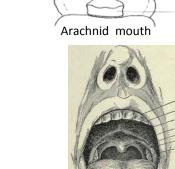
Mouth

## Examples









basal part of chelicera

anterior cheliceral tooth posterior cheliceral tooth

-maxilla

Non-examples

labium

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### Definition

A projecting part of an organism that has a distinct appearance or function.

### Characteristics

Non-examples

Has a definite place where it separates, or begins to take form, from the main part of the body.

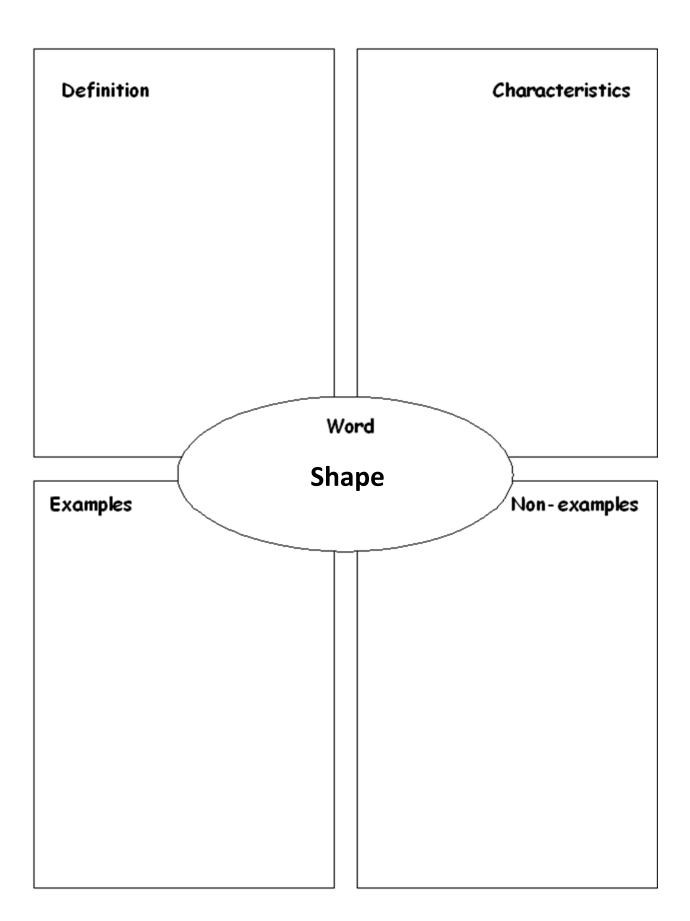
Word

# **Appendages**

## Examples

- Antennae
- Wings
- Mandibles (insect)
- Maxillae (insect
- Arm
- Leg
- Tail
- Fin

- Head
- Organs
- Chest
- Eyes



#### Definition

Any of the tubes forming part of the blood circulation system of the body, carrying mainly oxygen-depleted blood toward the heart

#### Characteristics

- Thin walled
- Elasticity is less than artery
- Valves maintain unidirectional flow of blood
- Part of the circulatory system
- Xylem and phloem in leaves

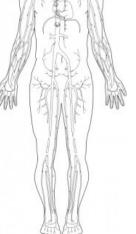
### Word

## **Veins**

## **Examples**

- Superficial
- Deep
- Pulmonary
- Umbilical
- Systemic





- Arteries
- Lymphatic capillaries

Non-examples

