

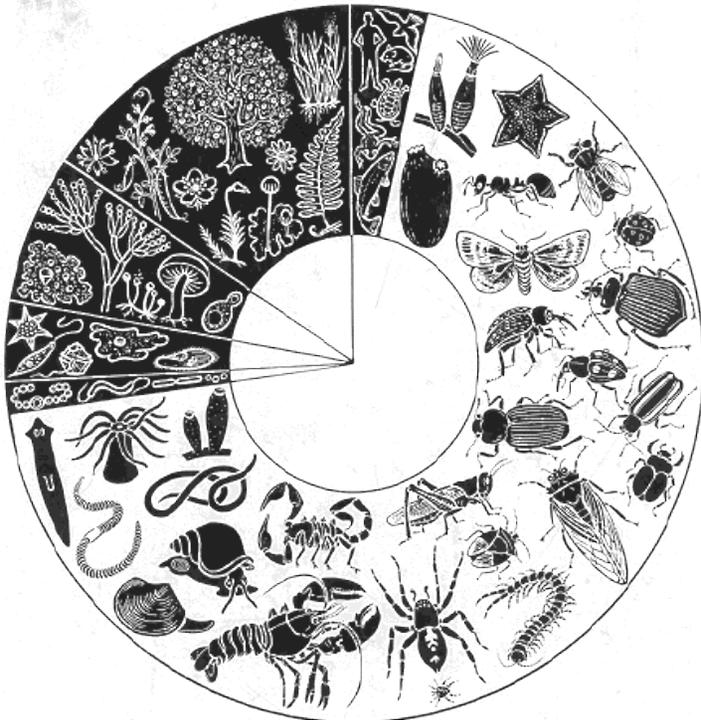
# Kingdom Animalia

## The Invertebrates

Animals can be found almost everywhere. They live in very hot places and in very cold places. They live in the deep oceans and on high mountains. Some animals even live in the ground.

Animals are made up of many cells. Animal cells do not have a cell wall. Animals do not make their own food. They do not have chlorophyll in their cells. Animals must take in food from outside.

Animals are classified into two major groups. One group is made up of animals with backbones. The other group is made up of animals without backbones. Animals without backbones are called invertebrates. From what you know about the Kingdoms, label the six kingdoms on the inside of the pie chart below.



### Directions:

Your teacher will show you a power point presentation about invertebrates. Fill in the blanks below with the information and then color the invertebrate on the pie chart.

**Slide 2** What are the characteristics of invertebrates?

Invertebrates are animals without \_\_\_\_\_.

**Slide 3** Sponges

Sponges live in the \_\_\_\_\_. They are attached to the \_\_\_\_\_ and cannot \_\_\_\_\_ around. Color the two sponges on the pie chart purple.

**Slide 4** Cnidarians

Cnidarians have \_\_\_\_\_ with \_\_\_\_\_ cells to catch their \_\_\_\_\_. Color the sea anemone pink.

**Slide 5** Flatworms

Flatworms have long, flat \_\_\_\_\_ bodies. Some are \_\_\_\_\_ while others are \_\_\_\_\_. A \_\_\_\_\_ is an organism that lives \_\_\_\_\_ another organism. Color the planarian yellow.

**Slide 6** Roundworms

Most roundworms are \_\_\_\_\_. They get their food from \_\_\_\_\_ inside another \_\_\_\_\_. Color the roundworm orange.

**Slide 7** Segmented Worms

Segmented worms have long \_\_\_\_\_ bodies that are divided into \_\_\_\_\_. Color the earthworm tan.

**Slide 8** Mollusks

Mollusks have \_\_\_\_\_ bodies but many have \_\_\_\_\_. Color the snail and clam brown.



**Slide 9 Echinoderms**

Echinoderm means \_\_\_\_\_. They all live in the \_\_\_\_\_ and have an \_\_\_\_\_ skeleton. Color the sea star and feather star red.

**Slide 10 Arthropods**

Arthropod means \_\_\_\_\_. They have a hard outer covering called an \_\_\_\_\_. They have \_\_\_\_\_ bodies. They are the most \_\_\_\_\_ phylum of invertebrates. All of the rest of the invertebrates on the pie chart are arthropods. Color them blue.

Watch the video Classification of Animals from [www.missdoctorbailer.com](http://www.missdoctorbailer.com). Write three things you learned about invertebrates below.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Questions:**

1. Which phylum has mostly parasitic members? \_\_\_\_\_
2. Which phylum has spiny skin? \_\_\_\_\_
3. Which phylum of invertebrates has the most members? \_\_\_\_\_

4. Name some of the members of that phylum. \_\_\_\_\_

5. Why do you think they have been so successful? \_\_\_\_\_

**Invertebrates**

R O U N D W O R M V E S F F L X G Z A N  
 Z E U N J K K L R N I A E A A I N I A M  
 D O N R Z E V T G E D A R T S O A I Y O  
 K R U O Y O F T V C T X O T T R R N Z L  
 S Q P G M H U N S H G Y W H H A B I S L  
 N E I G X E U X E I S K S Z N W C Q H U  
 Q D G U F W N R P N G T B A D L O T M S  
 T E G M F B S A Y O Z C L H T H F R E K  
 Z H G S E T E S A D F P P D Z B F Z M S  
 R O B M A N R K G E O O S W Q V L Z P K  
 Q X N R T V T X I R S U G K Y A N W S K  
 W X W O P K C E E M Z O F R A T S A E S  
 L T T W Z D Z J D S O O J P D B J F R O  
 W Y A T H T K G T W X J H E J A P W S V  
 P K Y A G L Y O Y X O B Y T X B B P J O  
 T G F L Z U K H N G C R J C L E O M V A  
 L T Y F H M V A Z V N J M B G N K L R H  
 D D J S N A I R A D I N C S G D U O D D  
 K H O J J L S Q Z D Y Q I E K M D Q G R  
 N W S B O C T M Y I Z A S R L D S O E C

- |             |             |                 |
|-------------|-------------|-----------------|
| Clam        | Cnidarians  | Earthworm       |
| Echinoderms | Flatworms   | Feather Star    |
| Mollusks    | Planarian   | Roundworm       |
| Snail       | Sea Anemone | Segmented Worms |
| Sponges     | Sea Star    |                 |



Name \_\_\_\_\_ period \_\_\_\_\_

## EXIT TICKET

### The Invertebrates

1. To which kingdom do invertebrates belong?

- A. Plants
- B. Fungi
- C. Animals

2. What characteristic do all invertebrates share?

- A. They do not have a backbone
- B. They all live in the ocean
- C. None of them have cells

3. Which invertebrate phylum has the most members?

- A. Echinoderm
- B. Arthropod
- C. Sponge

4. A student stepped on a grasshopper and heard a “crunch”. He then remarked, “I must have crushed a lot of bones!” What is wrong with his statement?

- A. A grasshopper has only two bones.
- B. A grasshopper is an invertebrate and doesn’t have bones.
- C. A grasshopper wouldn’t crunch if you stepped on it.



Name \_\_\_\_\_ period \_\_\_\_\_

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