

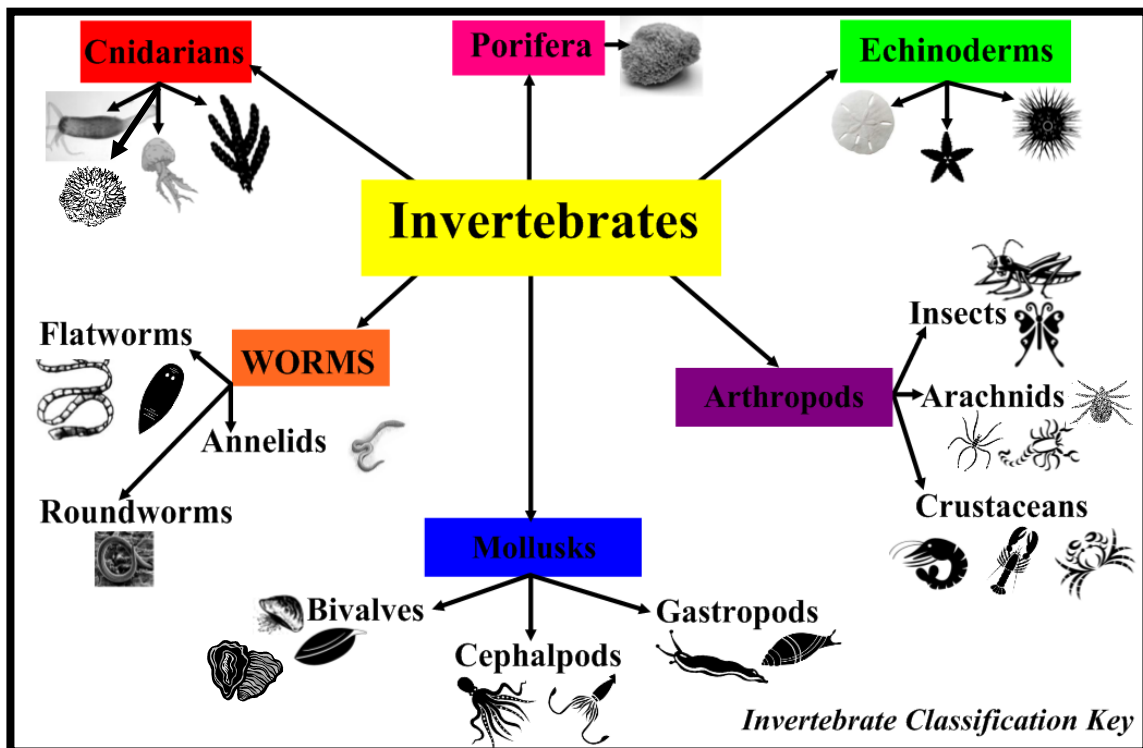
# Invertebrate Classification Challenge

I designed this activity to allow students to practice invertebrate classification using the organisms discussed in our textbook from Prentice Hall called the *Parade of Life: Animals*.

I printed the pages for the classification mats on 8 ½ x 11 inch paper, taped the two pages together, and laminated them. I also made several copies of the organism cards, which were printed on card stock and stored in Ziploc bags.

For the activity, students work in teams to classify the organisms and then compare their answers to the key shown below. I also provide the “What am I?” worksheet for students to fill in and staple to their note packet so they can study outside of class. I also give them a quiz to determine which ones they know and which ones they don’t.

Challenge: I also challenge the students to time their efforts to see which team can complete it in the fastest time. Many of my students are able to correctly classify all the organisms in 30 seconds or less. Teams must have another student time them. The timer is responsible for shuffling the cards and placing them in one pile at the start of a round.



# What am I?



*Classify each of the following organisms by writing their names in the correct location.*

- Anemone
- Butterfly
- Clam
- Coral
- Crab
- Earthworm
- Grasshopper
- Hydra
- Jellyfish

- Lobster
- Mussel
- Nematode
- Octopus
- Oyster
- Planarian
- Sand dollar
- Scorpion
- Sea Urchin

- Shrimp
- Slug
- Snail
- Spider
- Sponges
- Squid
- Starfish
- Tapeworm
- Tick

**Porifera**

\_\_\_\_\_

**Cnidarian**

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

**Flatworm**

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

**Roundworm**

\_\_\_\_\_

**Annelid**

\_\_\_\_\_

**Gastropod**

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

**Bivalve**

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

**Cephalopod**

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

**Crustacean**

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

**Arachnid**

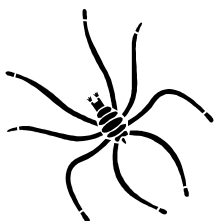
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**Insect**

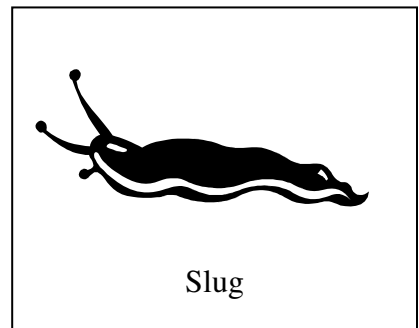
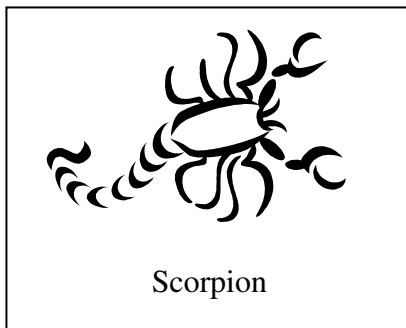
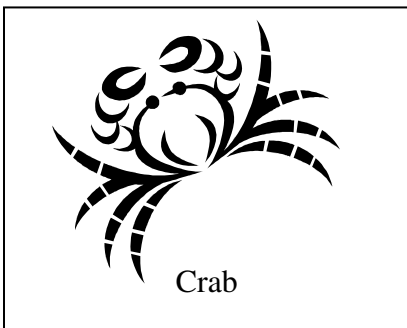
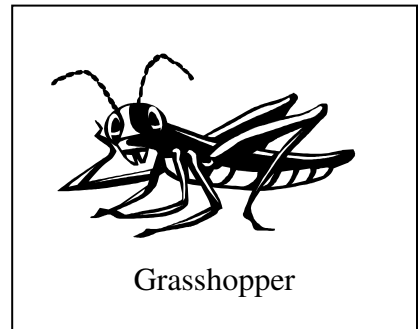
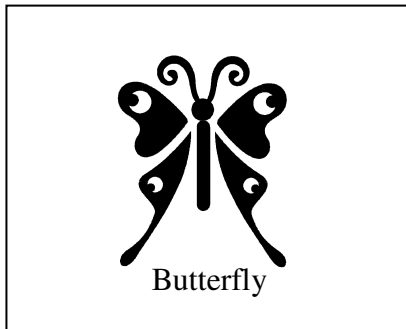
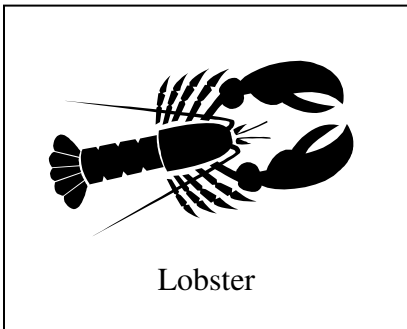
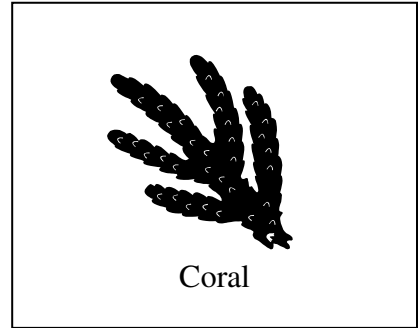
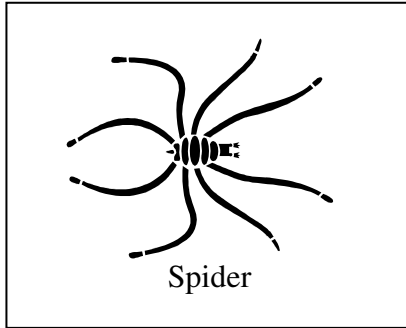
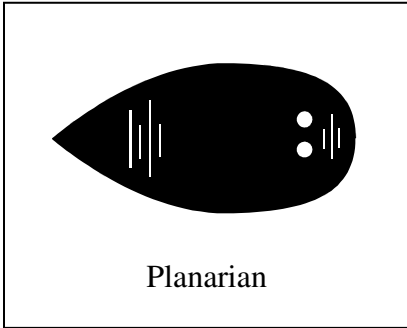
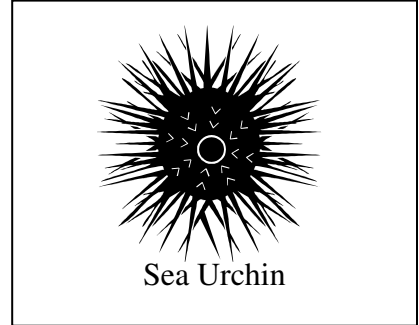
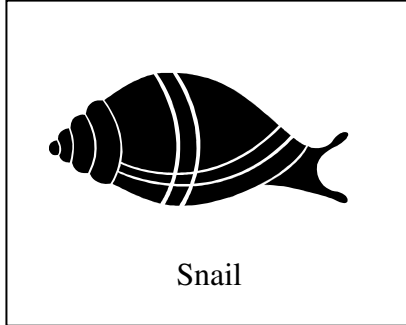
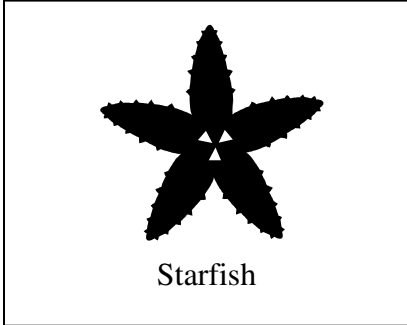
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**Echinoderm**

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

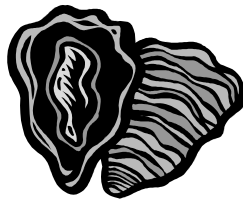


**Invertebrate Matching Cards**  
Print on card stock and store in a Ziploc bag.

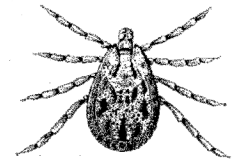




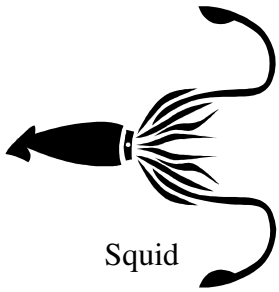
Anemone



Oyster



Tick



Squid



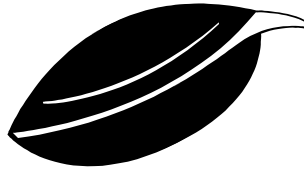
Octopus



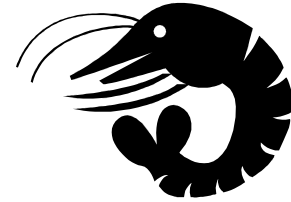
Earthworm



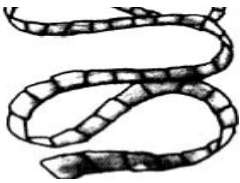
Jellyfish



Clam



Shrimp



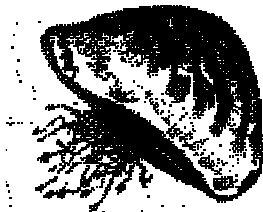
Tapeworm



Hydra



Sponge



Mussel



Nematode



Sand Dollar