8 PHYLA OF <u>INVERTEBRATES</u> FLIPBOOK

REQUIREMENTS
DUE DATE : Tuesday, December 8th (nightly HW grade)

You will create a flipbook of the 8 phyla of invertebrates. This flipbook will include:

1. Neat and Orderly presentation

2. **8 PHYLA -** Scientific name and common name of the phylum. For example: Porifera (Sponges)

3. Type of **symmetry** for animals in each phylum: Radial or Bilateral?

4. **Three major characteristics** of organisms in each phylum. For example: **Budding? Regeneration? Stinging cells? Molting? Metamorphosis? Gills?**

5. Three common **examples of animals in each phylum**- For example: coral, clam, crab, mite

6. **One of your favorite species** in each phylum – include the ***scientific names and common names***. This can be one of the 3 animals you listed above! **CUT & PASTE PHOTOS OR DRAW**

Example: Blue claw crab Callinectes sapidus (found in google images)

7. **Five classes of ARTHROPODA** AND **Three classes of MOLLUSCA PHYLA**, with 2 characteristics and species of each.

We will work on this in class several times. Use your class web site, textbook, notes, handouts and iPad research to complete this project.

SEE CLASSROOM SAMPLE!

Front Cover: A photo of the 8 Levels of Classification (Domain, Kingdom, Phylum, Class, Order, Family, Genus, Species)

<u>Tabs:</u>

Phyla	Daily Assignment	Completed:
1. Porifera	Wednesday after quiz	
2. Cnidaria	Wednesday night HW	
3. Platyhelminthes	Thursday during class; otherwise HW	
4. Nematoda	Thursday during class; otherwise HW	
5. Annelida	Thursday during class; otherwise HW	
6. Echinodermata	Friday during class	

7. Mollusca
   a. Classes-
     i. Gastropoda– univalves
     ii. Pelecypoda – bivalves
     iii. Cephalopoda – evolved away from shells
	Saturday	

8. Arthropoda
     a. Classes –
       i. Insecta
       ii. Acrachnida
       iii. Crustacea
       iv. Diplopoda
       v. Chilopoda
	Sunday
	Include # of body parts, # of legs	

Type of Symmetry	
3 Characteristics Common to ALL animals in this Phyla	1. 2. 3.
Common Animals	
My Favorite species (scientific & common name + image)	

Mollusca	Photo	# of shells
Gastropod = snails and slugs		One or no shell
Bivalve		
Cephalopod		

Arthropod Class	Photo	# of legs	# of Body parts
Insect			
Arachnid			
Crustacea			
Chilapoda			
Diplopoda			