

# Barnacles, Bugs, Birds, and Beans

## Purpose:

- To develop a set of web resources about a particular group of living organisms
- To develop a powerpoint presentation demonstrating the variation and diversity within the group

## Procedure:

- get GROUP from teacher
- go to <http://www.kn.pacbell.com/wired/fil/lognew.html>
  - follow instructions for setting up a hotlist
  - print 2 copies of password page; give 1 copy to teacher
  - send teacher the URL of the hotlist
- find **12** websites associated with your GROUP
  - Evaluate website to determine its reliability and value
  - Follow instructions on [Filamentality](#) for adding links
  - Write a 1 paragraph description of what the site is and what information can be found at the site . Include details!
  - Categorize sites (follow instructions on [Filamentality](#))
- In the introduction, write a 1~2 paragraph description of the GROUP
  - you may use bullets (see teacher for information on how to code the bullets)
- Prepare a 5 slide powerpoint presentation on the group
  - classification (Kingdom, Phylum, Class, Order....
  - basic characteristics of the group (appearance etc)
  - location and habitat details
    - where in the world
    - what type of area (desert, tide pool, .....remember the biome chapter?)
  - examples demonstrating diversity in the group
    - If your group is rodents, you need to find images that show the variety of species within the group
    - Provide scientific name (*Species genus*) for each organism presented
  - focus of the powerpoint is on IMAGES not on WORDS
    - do not cut and paste text from websites!
    - do provide basic information in bullet form
    - do not write in sentences
    - avoid the use of articles
    - maximum 20~25 words per page!

Phylum Porifera

Phylum Cnidaria

Phylum Platyhelminthes

Phylum Nematoda

Phylum Mollusca: Class Gastropoda

Phylum Mollusca: Class Bivalvia

Phylum Mollusca: Class Cephalopoda

Phylum Arthropoda: Order Crustacea

Phylum Arthropoda: Superclass Myriapoda

Phylum Arthropoda: (Superclass Insecta):  
Order Odonata

Phylum Arthropoda: (Superclass Insecta):  
Order Coleoptera

Phylum Arthropoda: (Superclass Insecta):  
Order Diptera

Phylum Arthropoda: (Superclass Insecta):  
Order Hymenoptera

Phylum Annelida

Phylum Echinodermata

Phylum Chordata: Subphylum Vertebrata:  
Class Chondrichthyes

Phylum Chordata: Subphylum Vertebrata:  
Class Osteichthyes: Order Perciformes

Phylum Chordata: Subphylum Vertebrata:  
Class Osteichthyes: Order  
Gasterosteiformes

Phylum Chordata: Subphylum Vertebrata:  
Class Amphibia

Phylum Chordata: Subphylum Vertebrata:  
Class Reptilia: Subclass Anapsida

Phylum Chordata: Subphylum Vertebrata:  
Class Reptilia: Subclass Lepidosauria

Phylum Chordata: Subphylum Vertebrata:  
Class Aves: Order Anseriformes

Phylum Chordata: Subphylum Vertebrata:  
Class Aves: Order Strigiformes

Phylum Chordata: Subphylum Vertebrata:  
Class Aves: Order Ciconiiformes

Phylum Chordata: Subphylum Vertebrata:  
Class Mammalia: Subclass Metatheria

Phylum Chordata: Subphylum Vertebrata:  
Class Mammalia: Order Chiroptera

Phylum Chordata: Subphylum Vertebrata:  
Class Mammalia: Order Lagomorpha

Phylum Chordata: Subphylum Vertebrata:  
Class Mammalia: Order Pinnipedia

Phylum Chordata: Subphylum Vertebrata:  
Class Mammalia: Order Carnivora

Phylum Chordata: Subphylum Vertebrata:  
Class Mammalia: Order Perissodactyla

Phylum Bryophyta

Phylum Pteridophyta

Phylum Coniferophyta

Phylum Anthophyta: Class Dicotyledonae:  
Family Fabaceae

Phylum Anthophyta: Class Dicotyledonae:  
Family Malvaceae

Phylum Anthophyta: Class  
Monocotyledonae: Family Liliaceae

