

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
Gasterosteiiformes

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

