**Animal Survey 2nd Semester Presentations**

To better understand the diversity of animal life, you will present information to the class about an chosen phylum or class of animals. Everyone in class will be responsible for the information presented in class. The information should be presented using PowerPoint. This project is due when the class reaches the point in which we cover your chosen phylum or class of animals. If you do not have your presentation ready (completed) when it is your turn, then you will receive a zero on the project. **NO LATE PRESENTATIONS ARE ACCEPTED!!!** The project is worth 180 points. The following criteria must be thoroughly fulfilled :

**I. Choose one of the following phyla or classes.** (*Dates are tentative*)

**1. Phylum Porifera** (Sponges)

**2. Phylum Cnidaria** (Jellyfish, Hydra, Sea Anemones, Corals)

**3. Phylum Platyhelminthes** (Planarians, Tapeworms, Flukes)

**4. Phylum Nematoda** (Hookworms, Heartworms, Trichinella, Filarial Worms)

**5. Phylum Annelida** (Earthworms, Sandworms, Leeches)

**6. Phylum Mollusca** (Clams, Snails, Octopi, Cuttlefish, Nautilus)

**7. Phylum Echinodermata** (Sand Dollars, Sea Stars, Sea Urchins)

**8. Phylum Arthropoda** (Insects, Scorpions, Spiders, Lobsters, Trilobites)

**9. Phylum Invertebrate Chordates** (Lancelets, Tunicates, Sea Squirts)

**10. Class Agnatha, Chondrichthyes, Osteichthyes** (Sharks, Rays, Bony Fish)

**11. Class Amphibia** (Frogs, Toads, Salamanders, Newts, Caecilians)

**12. Class Reptilia** (Lizards, Snakes, Alligators, Turtles)

**13. Class Aves** (Robins, Eagles, Ostriches, Parrots, Swans, Ducks, Penguins)

**14. Class Mammalia** (Rabbits, Kangaroos, Tigers, Whales, Elephants)

**II. Create a PowerPoint presentation with each of the following slides :**

**1. Title Slide** : (4 Points)

- Title, Subtitle, Name

- Include a picture

**2. Key Characteristics** : (12 Points)

- Identify 5 main features that categorize the animal in the phylum or class

- Include a picture

**3. Anatomy** : (12 Points)

- Identify 5 noteworthy body parts of your phylum or class (*USE THE TERM SHEET!*)

- Include a picture

**4. Digestion** : (12 Points)

- Identify 5 ways the animals eat and/or eliminate digestive wastes

- Include a picture

**5. Respiration** : (12 Points)

- Identify 5 ways the animals exchange oxygen & carbon dioxide (a.k.a. breathing)

- Include a picture

**6. Internal Transport** : (12 Points)

- Identify 5 ways animals get oxygen to the whole body (a.k.a. circulation)

- Include a picture

**7. Excretion** : (12 Points)

- Identify 5 ways animals remove cellular / metabolic wastes (a.k.a. urination)

- Include a picture

**8. Response** : (12 Points)

- Identify 5 ways animals react to stimuli (Example : brain, nerves, camouflage, eyes, etc.)

- Include a picture

**9. Movement** : (12 Points)

- Identify 5 ways animals move (a.k.a. musculo-skeletal system)

- Include a picture

**10. Reproduction** : (12 Points)

- Identify 5 ways the animals produce offspring & how does the offspring develop

- Include a picture

**11. Examples** : (12 Points)

- Identify the main subgroups of animals in your phylum or class

- Include pictures

**12. Extra Facts** : (12 Points)

- List 5 number-based facts about your chosen phylum or class of animals

- Include a picture

**13. Literature Cited** : (12 Points)

- Cite a minimum of 5 websites or books used during your research

- Don’t cite Search Engines (For example : [www.wikipedia.org](http://www.wikipedia.org))

- Include a picture

**14. Appearance** : (12 Points)

- Organize!, Organize!, Organize!

- Bullet information with “dot-jots” (DO NOT use large paragraphs or long sentences)

- Avoid “dead space” – Give the slide symmetry

**15. Video Element** : (10 Points)

- Play a video (1–5 minutes) relating to your chosen phylum or class of animals

- The video should not have swear words, “unschoolable content”, or anything

inappropriate

- Imbed the video, don’t just place in a hyperlink

**16. Presentation** : (10 Points)

- You are expected to present when we get to the point in class when we cover your topic.

- If you present, you get the points. If you do not present, you get zero points.