

# Materials List:

## Taxonomy and Classification Unit

The materials needed for this unit are presented in chronological order as the order progresses. Many lab activities can be presented as demonstrations if you are short on equipment.

- 1.) **Computer that runs Powerpoint.**
- 2.) **LCD Projector (For Classroom Teachers)**
- 3.) **Powerpoint remote for advancing slides (Recommended! - Unit has 2200+ slides)**
- 4.) **realPlayer for videos**  
<http://www.real.com/realplayer/search>
- 5.) **Marbled Science Journal (Class Set)**
- 6.) **(Optional) Organizing various nuts and screws into categories that show similarities and differences. Wood screws are much different from metal screws etc.**
- 7.) **Students toss their sneakers / footwear into a pile and then sort the pile into a few groups based on features.**
- 8.) **Bizarre Café Activity. 20 dishes or cups filled with water and each with its own spoon. Names for each food item in a buffet. 5 Drinks, 5 appetizers, 5 Entrees, 5 Deserts. Place baking soda in two of the items. Students choose one spoonful of each category (4 total items) and put the items into one cup. Teacher then uses litmus paper to see who contracted the food borne illness. Students then use the process of elimination to determine the contaminated food items.**
- 9.) **Handwashing Activity. Glo-germ and Dark Light.**

- 10.) A few containers of Dental Floss for the Dental Hygiene Section.**
- 11.) A class set of old compact discs for the 50/50 Protist challenge.**
- 12.) Recommended. A class set of Animal Phylums specimens in Jars. The kids are always captivated by specimens in jars.**
- 13.) Depressed slides and microscopes as well as eye droppers for examining pond water / looking for animals and protists.**
- 14.) Going outside to identify different types of Lichen around the school yard. Just have a location in mind. Epi-pen, med kit, etc.**
- 15.) Having some samples of moss is nice for portion on bryophytes.**
- 16.) Microscope activity (Optional) has students make a wet mount slide of some pond water to look for algae. Any other life found should also be identified. Materials needed are pond water, depressed slide, eye droppers, cover slips, microscopes.**