



ENTOMOLGY ACADEMIC CHOICE COURSE SYLLABUS FALL 2009



MS. POPOWICZ & MS. MOORE

I. Introduction to Entomology (begin in August and run entire trimester)

- Choose type of insect to raise in the classroom and observe over the course of the trimester
- Research your insect species (feeding habits, life cycle, behaviour, breeding etc.) and create a guide that will help you raise and care for your insect.
- Build a habitat suitable for your insect and begin raising them!

II. Monarch Watch and Insect Collection (September)

- Learn information on monarch butterflies including life cycle, habitat, and migration patterns.
- Participate in the collection and tagging of monarch's found around Crossett Brook.
- Research, plan and plant a butterfly garden on school grounds that supports native butterfly species.
- Collect a variety of insects for your collection using different methods such as sweep nets and pit traps.

III. Collection Identification & Portfolio Work (end of September – November)

- Introduction to classification of insects including use of dichotomous keys.
- Learn proper techniques to pin and label insects in collection.
- Take basic notes on insect parts and behaviours to be included in portfolio.
- Create extension activities using the insects you are raising as your study group.
- Individual portfolio work.
- Weekly entomology news (every student will have one article to present to class), *Far Side* funnies, and insect care every Friday.

IV. Share Out & Celebrate! (last week of class)

- Presentation of final portfolio including experiment data.
- Presentation of 3-D models.
- Feast on tasty insect treats. As part of your portfolio you will be researching and preparing recipies that use insects in a variety of delicious ways for us to share!
Yummy...