

Biology 150.04 Introduction to Biological Inquiry

What does it mean to be a plant?

The week of September 3, 2007

Themes for the week:

Introduction to the course - differences between plants and animals

Introduction to the scientific process

Introduction to the C-Fern

Taxonomy and evolutionary relationships

Assignments and Activities for the week:

	Activities	Assignments
Tuesday (September 4)	<ol style="list-style-type: none">1. Taxonomy & evolutionary relationships2. Alternation of generations3. Continue sexual differentiation expt4. Meet the C-Fern	Read Campbell, Ch. 29 Review meiosis & mitosis p. 221-223, 243-246
Thursday (September 6)	<ol style="list-style-type: none">1. Science as a way of knowing2. Discuss articles3. Critique & design experiments4. Examine algal ancestors of land plants	Read assigned articles

Biology 150.04 Introduction to Biological Inquiry

What does it mean to be a plant?

The week of September 10, 2007

Themes for the week:

Adaptations to life on land - differences between algae, mosses
and liverworts

Spread sheets, statistics and graphing

Assignments and Activities for the week:

	Activities	Assignments
Tuesday (September 11)	<ol style="list-style-type: none">1. Begin population density experiment2. Excel workshop	Read <i>Investigations</i> pp. 12-16, 19 and 41-43 Read Population density expt. in lab manual
Thursday (September 13)	<ol style="list-style-type: none">1. Adaptations to life on land - differences between algae, mosses and liverworts2. Finish sexual differentiation expt.3. Examine life history of liverworts	Campbell Ch. 29 - pp. 580-583 mosses and liverworts

Future Dates of Importance: Analysis of sexual differentiation experiment
due Tuesday, Sept. 18