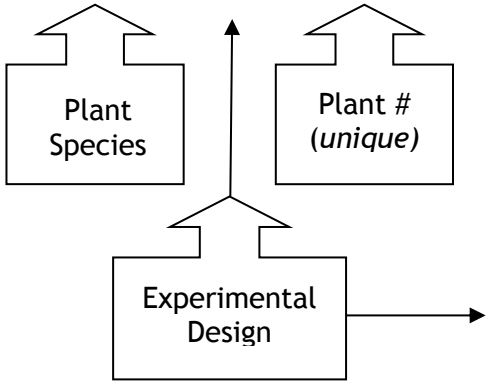
ECHS – Lee has selected horticulture, and community gardening as a highly relevant and appropriate topic to teach the critical thinking and communication skills necessary for industry level experimental design, data collection, group decision making, and attention to detail in the production of a deliverable product. Summary information about a given plant species and experimental design below and student work products are available from the web link.

Available Work Documents:

Photo logs, % saturation data, soil chemistry, bio mass, lab reports…ect

B: B: 1-45



Date Planted: 10/26/2012

Plant Species: Strawberries

Independent Variables: all soil types, amendments, temperature and water conditions per generic process. Initial fertilization methods include 8.0- 10.0g of milorganite mixed directly to the prepared garden bed. Soil amendments include 0.25-0.5 grams of Mycorrhizal beneficial fungi applied directly to the prepared garden bed.

Dependent Variables: days to flowering, number of flowers, fruit production

Controls: all plants were purchased from Worden Farms with bare roots and fully developed leaf structure

Summary of Effort: This is a baseline crop that is grown in ECHS - Lee standard conditions to provide data for comparison against the same plant material stock being grown at ECHO.

Work to Learn, Learn to Lead!!!

SPARTANS
FEW BUT STRONG