



Bees, Butterflies, and Beetles: Using Threshold Concepts and Kits to Maximize Instruction Time

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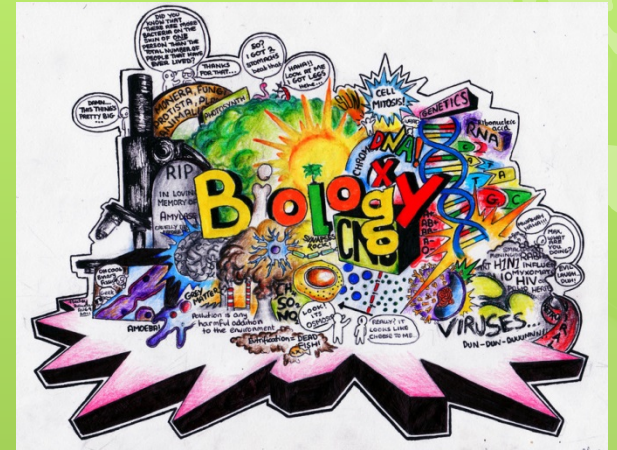
California Conference on Library Instruction 2015

Overview



- Project Description
- Activity (Designing Kits)
- Q & A

Project Description



Biology Boot Camp

- Freshmen majors

Instruction Request

- Library resources

Session Parameters

- 30 minutes
- 30 students

SLU 101: Introduction to the University Experience



Video

- Introduction to places in library, catalog, and databases
- Video worksheet

Visit

- Map activity
- Review of video topics
- Library Jeopardy

Activity

- Independent follow-up library worksheet
- Graded assignment

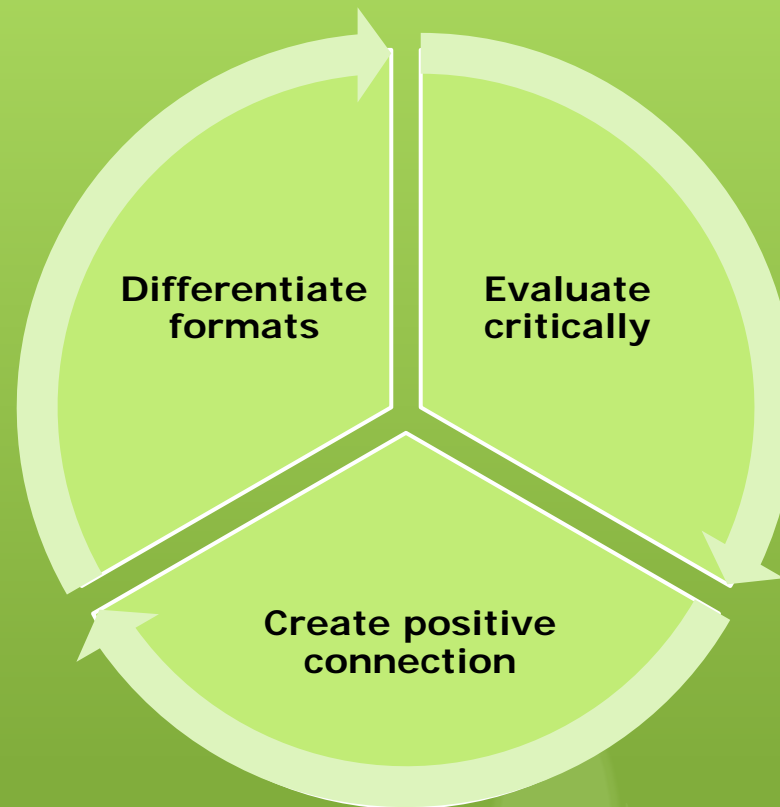
Threshold Concepts

“those ideas in any discipline that are passageways or portals to enlarged understanding or ways of thinking and practicing within that discipline” (ACRL)

- Framework for IL for Higher Education
- Frame: Format as Process
(Information Creation as a Process)
- Knowledge Practice: identify which formats best meet particular information needs



Learning Outcomes



Brainstorming

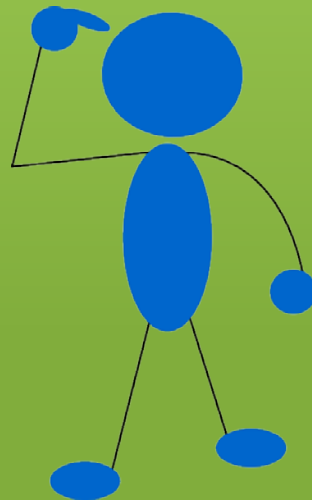


LABS

EXPERIMENTS

STATIONS

SCIENCE
KITS



Biology Kits

Materials:

- Pencil boxes
- Plastic insects
- Labels
- Instructions for:

Library Catalog
(e-book)
Science Direct
(journal article)
Access Science
(encyclopedia)
[ProQuest]
(journal article)



Lesson Plan



Introduction

Assigned
groups

Reviewed
instructions

Timed
group
activity

Discussion

Biology Boot Camp

Library Activity: Formats/Resources

- Each member of your group will select a colored worksheet from the insect box.
- On your own, follow the instructions to find information on your assigned insect.
- Then, work with your group to answer the questions on the worksheet.
- If time permits, look at the Biology Subject Research Guide.
- Be prepared to share your findings.

Questions to Consider



- 1. Which resource provided an overview of your insect?
- 2. Which resource provided the most current, up-to-date information?
- 3. Which resource provided the most in-depth information on your insect?
- 4. Which resource had the narrowest focus in terms of information on your insect?

Reflections



**Student
Engagement**

Active
learning

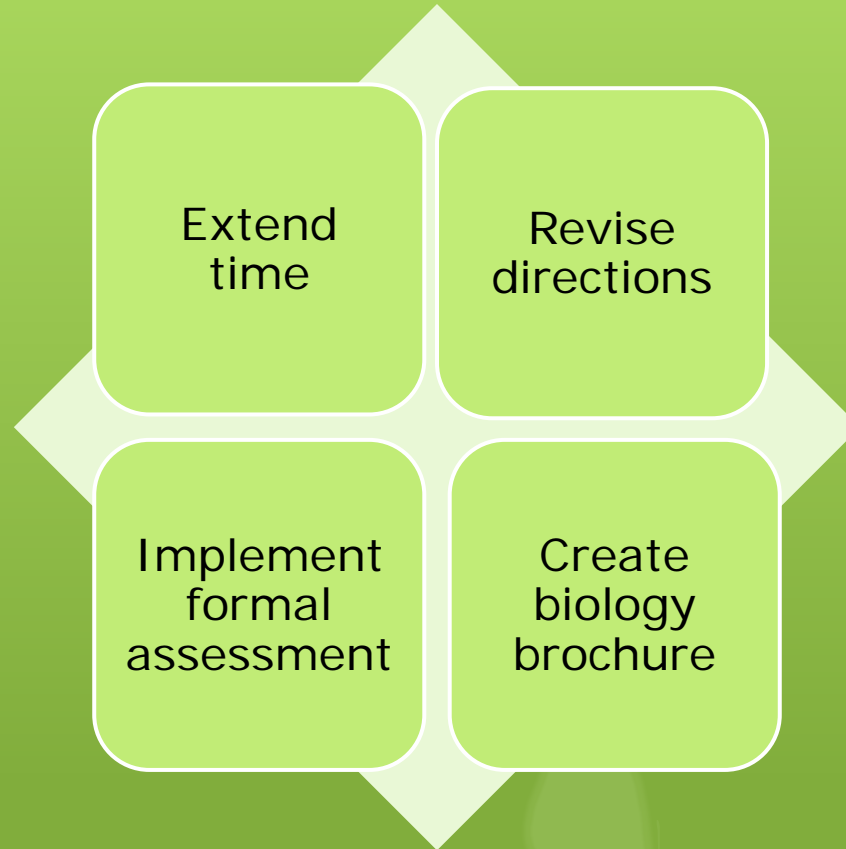
"Fun"
factor

Observations

IL
experience

IL aptitude

Future Considerations



Q & A



Create Instruction Kit



Complete handout as indicated

Create a learning aid

Present kit to group

Contact Information

LibGuide: <http://saintleo.libguides.com/CCLI2015>

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