



Lesson Plan for “Name of Activity”

Written by...

Introduction/Background Info

Include background theory and concepts for your activity. Provide understanding and motivational material for UCLA students who will be teaching this lesson. Try to tie this lesson into real-world examples of science and engineering.

Student Objectives

A few bullet points of what the students will learn through doing this activity. For example, by the end of a lesson students should be familiar with a simple light microscope or understand the basic concept of Newton’s First Law.

Topics (Optional)

List any key terms/concepts with brief explanations. This is particularly helpful as a reference for the mentors .

Overview of Lesson Process

Generally lessons have 5-10 minutes of background lecturing, 30-40 minutes of the activity, and 5-10 minutes of wrap-up/clean-up. Adjust this as necessary for your particular lesson (for example, maybe you need extra time for cleaning up a messy lesson?). This will ensure that mentors can budget their time to complete the entire lesson.

Materials

List all materials used in your lesson, along with quantities and prices. If possible, provide a source and product number for ordering materials.

Procedures

- Compartmentalize your activity: phase 1, phase 2, etc.
- Within each phase, break the procedure down step-by-step.
- Describe steps in simple words, use pictures and diagrams when you think they are helpful.
- Make this as clear as possible. Imagine someone using these instructions without your guidance.
- Be sure to include any safety notes specific to your lesson.

Resources

Here you might list the resources you used so future mentors can view it and search for more resources. You can also include resources that might be useful to the students. Make sure you cite your references.

<http://beam.ucla.edu/node/13>

<http://www.scientificamerican.com/section.cfm?id=bring-science-home>

[http://beam.berkeley.edu/resources/lesson-plans?tid=All&tid_1\[\]=5&tid_1\[\]=4](http://beam.berkeley.edu/resources/lesson-plans?tid=All&tid_1[]=5&tid_1[]=4)

<http://seplessons.ucsf.edu/> (click on lesson plan database and search for keywords)