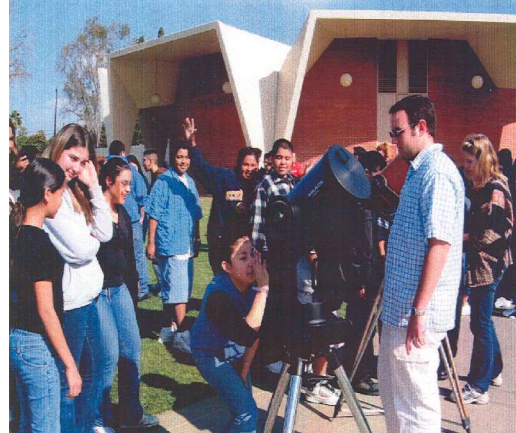


**EVALUATION SURVEY
ASTRONOMY OUTREACH PROGRAM
AT THE UCI OBSERVATORY**



Basic Information:

- 1) What is/are the grade(s) that you normally teach?
- 2) What is your school district or the city you are located in?
- 3) Did you and your students participate in a classroom visit or tour of the UCI Observatory?

Classroom Visit (Yes, No)

Tour of the Observatory (Yes, No)

- 4) Did you do any accompanying pre- or post-activities from the kit that we gave you?

Pre-Activities (Yes, No)

Post-Activities (Yes, No)

Evaluation:

Please complete Part A in the following if you participated in a tour of the Observatory or had a classroom visit to your school. Please also complete Part B if you did any of the pre-/post-activities with your students (before/after the tour or classroom visit) from the kit that we provided for you.

Part A. Tour/Classroom Visit - Evaluation

Please score the following questions with the most appropriate responses *based only on the tour of the Observatory or the classroom visit* to your school. (You will be asked later specific questions regarding the pre-/post-activities.)

<i>1 = Strongly Agree</i>	<i>2 = Somewhat Agree</i>	<i>3 = Neutral</i>	<i>4 = Somewhat Disagree</i>	<i>5 = Strongly Disagree</i>	<i>Question</i>
1	2	3	4	5	The visit was geared to a level that my students could understand.
1	2	3	4	5	The visit kept my students engaged.
1	2	3	4	5	The visit was informative.
1	2	3	4	5	The visit was useful.
1	2	3	4	5	I felt that my students had learned something after the visit was over.
1	2	3	4	5	I would schedule another visit in the future.
1	2	3	4	5	My students benefited from the hands-on learning experience.
1	2	3	4	5	I have sufficient resources outside of this program to effectively teach astronomy in my classroom.
1	2	3	4	5	I would recommend these visits to other teachers.
1	2	3	4	5	The visit enhanced my ability to teach topics in the California state curriculum standards.

Part B. Pre-/Post-Activities – Evaluation

Please score the following questions with the most appropriate responses based only on the pre-/post-activities that you did with your students (before/after the tour or classroom visit) from the kit that we supplied to you. If you did not do any of the pre-/post-activities, please skip this section.

<i>1 = Strongly Agree</i>	<i>2 = Somewhat Agree</i>	<i>3 = Neutral</i>	<i>4 = Somewhat Disagree</i>	<i>5 = Strongly Disagree</i>	<i>Question</i>
1	2	3	4	5	The activities were geared to a level that my students could understand.
1	2	3	4	5	The activities kept my students engaged.
1	2	3	4	5	The activities were informative.
1	2	3	4	5	The activities were useful.
1	2	3	4	5	I felt that my students had learned something after these activities were over.
1	2	3	4	5	I would do these activities with my students in the future.
1	2	3	4	5	My students benefited from the hands-on learning experiences in these activities.
1	2	3	4	5	I would recommend these activities to other teachers.
1	2	3	4	5	These activities enhanced my ability to teach topics in the California state curriculum standards.

Part B. Pre-/Post-Activities – Short Answer Questions

1. Put a check mark below next to each of the pre-/post-activities that did you do with your students.

<i>Grade 3 – The Earth, Moon and Sun</i>		<i>Grade 5 – The Solar System</i>	
	2a. Exploring the Phases of the Moon		2a. How Long Is a Year?
	2b. Rising and Setting of the Moon		2b. Solar System Grid
	2c. The Earth Moon Connection		2c. Universe & Solar System Songs
	2d. The Popcorn Count		4a. Make a Comet Motion Flip Book
	4a. Moon Journal		4b. The Space Race
	4b. Art Activities (Night Sky, Salt Stars and Clouds, Bubble Print, Masked Moon)		
<i>Gr 8-12 – All About Stars</i>		<i>Gr 8-12 – Galaxies & the Expanding Universe</i>	
	2a. Investigating Types of Stars		2a. Your Place in the Universe
	4a. Observing the Constellations of the Zodiac		4a. How Many Objects Are There?
	4b. Determining the Sizes of Stars Using the H-R Diagram		4b. The Expanding Universe

2. Did you get the activities kit in a timely manner so that you had adequate time to prepare?
3. Were all the materials needed for the activities in the packet? Was anything missing from either the binder or the boxes of demonstration equipment?

4. Do you have specific comments/improvements/corrections we should make to the activities? We would greatly appreciate your help in fixing any errors and improving the kits.

5. Did you find the lessons to be organized in an easy to follow manner, i.e., numbering, lettering, etc?

6. Do you have any specific comments on the appropriateness of the teacher preparation materials? Was there enough background material for you to present it to the students effectively? If not, list the additional subjects for which you want more material.

7. Do you have any specific comments on the appropriateness of the activities? (Too hard, too easy?)

8. Do you have any ideas for additional materials or lessons that you recommend we develop? If you would like to work with us in developing one, please send a short email on your idea to Tammy Smecker-Hane at tsmecker@uci.edu.

9. Do you have any other suggestions or comments? (Use the back of this page.)