

The **4-H SET** (*Science, Engineering, and Technology*) mission



includes programs like:

SERIES* (Science Experiences and Resources for Informal Educational Settings) for 4-6 graders and



YES (*Youth Experiences in Science*) geared for implementation with K-3 grade youth.

Both **SERIES** and **YES**

- Promote the Scientific Thinking Processes in a "learn-by-doing" environment.
- Uses older teens as presenters of science concepts to younger learners in a cross-age setting.
- Adults act as coaches for the teens as they prepare to present sessions in an inquiry process.
- Includes addressing issues raised while exploring the curriculum by sharing with the community through group actions or service.
- Provides an opportunity for youth to work with people, that "do science", in a mentoring or coaching relationship .
- Encourages a positive attitude towards science and science careers.

**Science Experiences and Resources for Informal Educational Settings (SERIES)* was developed by the 4-H Youth Development Program of the University of California supported by the National Science Foundation and National 4-H Council-W. K. Kellogg Foundation

T3 Workshop Agenda

Friday September 25

- 6:00 - 6:30 Sign-in
- 6:30 - 7:00 Welcome and Introduction to **SERIES**, **YES** and **SET**
- 7:00 - 7:30 The Science Processes and Learning Cycle
- 7:30 - 8:45 "Sciencing with Snails"
- 8:45 - 9:00 Evening closing

Saturday September 26

- 8:00 - 8:30 Juice, fruit, muffins
- 8:30 - 9:00 Overview for the day and curriculum
- 9:00 - 12:00 - attend one curriculum unit
 1. **Collections** – (*YES*)
 2. **Beyond Duck and Cover** earthquake preparedness (*SERIES*)
- 12:15 - 1:00 Lunch - provided
- 1:00 - 3:30 Continue with unit from morning
- 3:45 - 4:15 Sharing how to implement **SERIES**, **YES**, and **SET**
- 4:15 - 4:30 Closing

Who is invited?

Any teen or adult interested in learning and sharing more about science and the processes used in science, engineering, and technology.

Teens can be part of a youth organization, school group or other team.

Adult coaches can be teachers, volunteers, college students, or others who work with or care about science.

We encourage teams of teens and adults who are or will be working together to attend the T3 Workshop training.

What is expected ?

. . . of the **T3 Teens**.

Teens are to be presenters of these units to younger youth (grades 1-6). The curriculum can be presented in community groups, schools, youth groups, afterschool programs, and other locations.

. . . of the **T3 Coaches** (adults).

Coaches are the adults who assist teens in small groups as they prepare for and present the units. Coaches can help find locations or groups where the teens can present. Coaches are asked to assist in the supervision and presentations at sites. Adults can also present the curriculum in settings like afterschool programs.

Why?

These are all fun hands and heads on activities. The teens and adults will gain as much as the youth. Presenting models community service and demonstrates interest by and for youth.

Plus, you'll have fun!

Registration Form:

T3 Workshop 2009
September 25-26, 2009

2145 Wardrobe Avenue, Merced, CA 95341

Name: _____

Address: _____

City: _____ Zip: _____

Phone: _____

Youth : age _____ grade _____

Agency or group:

Topic interest - will attend only one

___ **Collections** (K-3 target)

___ **Beyond Duck and Cover** (earthquakes)
(4-6 grade target)

Costs:

- \$20.00 for two day workshop, supplies, snacks and lunch—
- no charge for enrolled 4-H members and leaders

Register online - <http://merced4h.ucdavis.edu>
or return this form to:

Merced County 4-H
T3 Workshop 2009
2145 Wardrobe Avenue
Merced, CA 95341

Fees payable and due by day of training to
Merced County 4-H

What is T3?

Teens and Teacher Training (T3) is a series of workshops and sessions conducted by the UCCE 4-H Program. The sessions are geared to develop skills in presenting science topics in non formal settings such as, youth groups, afterschool, park and rec programs and others. The trainings are for both teens and adults. Most of the sessions will be held on the 4th Wednesday of the month from 6-8:00 pm. Two weekend workshops will be held on, September 25-26, 2009 and February 5-6, 2010.

For the current dates and topics for the sessions contact the UCCE office or check out the Merced County 4-H Web site at:
<http://merced4h.ucdavis.edu>

This training is funded in part by the
Merced County 4-H YD Management Team

If you have questions and want more information about the 4-H Youth Development Program contact -
U.C. Cooperative Extension, Merced County 4-H
2145 W. Wardrobe Ave. Merced, CA 95341
(209) 385-7418 fax (209) 722-8856
Web - merced4h.ucdavis.edu



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University of California
Cooperative Extension
4-H Youth Development Program
Presents:

T3 Workshop

A Science Training
for Teens and Adults

September 25-26, 2009

held at the
University of California
Cooperative Extension
Merced County
2145 Wardrobe Avenue
Merced, CA 95341

