



## **GREEN SCHOOLS**

*An environmental education program of Art From Scrap*

### **Creek Kids Quiz**

**North County 2008/2009 – 30 classes, 516 students**

**Directions: Circle the right answer on your answer sheet – TRUE or FALSE.**

- 1. Groundwater is water lying on the surface of the ground.**  
% missed Pre – 53%                      % missed Post – 16%
- 2. Groundwater is the main source of water in the Santa Maria area.**  
% missed Pre – 45%                      % missed Post – 9%
- 3. Fertilizers, pesticides, motor oil, manures, and hazardous chemicals can pollute groundwater.**  
% missed Pre – 17%                      % missed Post – 5%
- 4. Conserving water is one way students can protect the quality of their groundwater.**  
% missed Pre – 21%                      % missed Post – 11%
- 5. There is an unlimited amount of useable fresh water on Earth.**  
% missed Pre – 28%                      % missed Post – 10%
- 6. Most of the rain water in the Santa Maria area soaks into the ground before it reaches the ocean.**  
% missed Pre – 26%                      % missed Post – 6%
- 7. Condensation is the part of the water cycle where water soaks into the ground.**  
% missed Pre – 50%                      % missed Post – 24%
- 8. Everyone lives in a watershed.**  
% missed Pre – 67%                      % missed Post – 20%





# **AFS GREEN SCHOOLS**

*An environmental education program of Art From Scrap*

## **2008-09 CREEK KIDS TEACHER EVALUATION** **RESULTS**

A total of 23 teachers participating in the 2008-2009 Southern Santa Barbara County Creek Kids Series turned in an evaluation. Teachers were asked to mark the number (on a scale from one to ten) that most closely describes how they felt in response to each question, with one being the worst and ten the best. The percentage of teacher response is listed below each question. Questions 11 and 12 asked for written responses, which are listed in italics below questions 11 and 12.

Highlights of the evaluation include: Ninety-six percent of teachers gave the Creek Kids Series an 8 or higher on seven of the eight questions. One-hundred percent of teachers answered that they want to participate next year. Seventy-eight percent of teachers stated that the Creek Kids Series was valuable to their students at a level 10, and seventy-four percent of teachers stated that the fieldtrip to the Watershed Resource Center was valuable to their students at a level 10. Written responses for questions 11 and 12 were very positive with many saying thank-you for the program.

### **1. The Creek Kid's Series was valuable to my students.**

Lowest	1	2	3	4	5	6	7	8	9	10	Highest
							<i>4%</i>	<i>13%</i>	<i>4%</i>	<i>78%</i>	

### **2. I was able to integrate information from the Creek Kid's Series into my required curriculum.**

Lowest	1	2	3	4	5	6	7	8	9	10	Highest
							<i>4%</i>	<i>22%</i>	<i>9%</i>	<i>61%</i>	

### **3. My students increased their understanding of how watersheds work.**

Lowest	1	2	3	4	5	6	7	8	9	10	Highest
							<i>4%</i>	<i>17%</i>	<i>17%</i>	<i>61%</i>	

### **4. My students increased their understanding of common water pollutants and how they get into creeks.**

Lowest	1	2	3	4	5	6	7	8	9	10	Highest
							<i>4%</i>	<i>4%</i>	<i>19%</i>	<i>65%</i>	

### **5. My students developed a sense of environmental stewardship through learning age-appropriate actions to improve the water quality of our creeks and beaches.**

Lowest	1	2	3	4	5	6	7	8	9	10	Highest
							<i>4%</i>	<i>9%</i>	<i>9%</i>	<i>30%</i>	<i>48%</i>

### **6. The two in-class lessons were valuable to my students.**

Lowest	1	2	3	4	5	6	7	8	9	10	Highest
							<i>4%</i>	<i>9%</i>	<i>13%</i>	<i>52%</i>	

### **7. The fieldtrip to the Watershed Resource Center and a local creek was valuable to my students.**

Lowest	1	2	3	4	5	6	7	8	9	10	Highest
							<i>9%</i>		<i>17%</i>	<i>74%</i>	

8. My class conducted a watershed service learning project. (Circle one) Yes, No,  
35% 17%

No- but we wanted to, No- but we would like to in the future. Not interested in a project.  
43%

9. If you conducted a watershed service learning project, rate how valuable it was to your students.

Lowest 1 2 3 4 5 6 7 8 9 10 Highest  
100%

10. Would you like your class to participate in the Creek Kids Series next year? Yes No.  
100%

11. Tell us the best and the worst parts of the Creek Kids Series. (Use back if needed)

“No bad parts-all very engaging.” – Julie Armstrong

Best parts- “*Models of watershed, information. Pollutants, video.*” – Grosch

“*Need more time. Lots of valuable, pertinent information.*” – Sue Green

Best parts- “*Watershed Resource Center Fieldtrip*”- Janet Spencer

Best parts- “*The whole pre and post sessions really support the fieldtrip. The fieldtrip portion runs very smoothly and gives the visual and hands-on component the students need.*” Worst- “*We need more time to debrief the Bonnett Park portion, not due to Creek Kids but to the bus schedule. Thanks for your flexibility.*” – Tracy Schifferns.

Best parts- “*Learning about the harm trash does to wildlife and nature.*” Worst- “*Hard to comprehend the water we can use in the big tube at the Watershed Resource Center.*” – Jennifer Jones

Best parts- “*Hands-on, fieldtrips, (actual creek site) Suggestion: Supply some worms to help start our won class worm bin.*”- Lisa Lisle

“*There wasn’t really a bad part. Maybe there could be a little improvement on the first couple lessons. The watershed fieldtrip was great!*” – J. Hanscom

Best parts- “*In-class kinesthetic exercises, e.g. food chain game, natural resources classification. Suggestion: Instead of Bohnett Park, I thin our local creek would be more beneficial.*” – Leanne Patterson

Best part- “*It opens their mind to environmental issues.*” - Michael Alvarez

Best parts- “*All!*” Worst parts- “*Not enough!*” – Leslie Gascoigne

Best parts- *Hands-on experience for the students.* Shannon Curtis

Best parts- “*Instructors are excellent! Professional, and they present information in interesting, age appropriate ways! Kids love them!*” - Janis Spracher

**12. Please use the back for General Comments and Suggestions: Thanks !!!**

*"We had a great time- Thanks! We had the students write reflections after the experience-you can see how much they liked it, and how much they learned."* - Clara Svedlund

*"Great for building awareness of the local creek environment. The DVD really impressed them!"* - Sara Woodburn

*"Very worthwhile! I really liked the way Lindsay managed the kids (crowd control and behavior during the fieldtrip. Great job ladies!"* – Julie Armstrong

*"I would love to do a clean-up at the creek near the Westside Boys and Girls Club."* – Sue Green

*"Excellent, informative, pertinent, current, fun! Lindsay was terrific! All the parents that drove on this fieldtrip raved about her abilities."* – Janet Spencer

*"In class support materials."* – Tracy Schiffers

*"Great Job!"* - Jennifer Jones

*"Creek Kids was an exceptional learning program and education for my students. Lindsay was a fabulous educator and has great management and presentation skills. My 6th graders learned so much through the various activities and fieldtrip. It was a worthwhile experience and heightened their environmental awareness."* – Nancy Thurston

*"Lindsay and Jill are wonderful presenters and work very well with students."* – Mary Hernandez

*"It would be helpful to know beforehand what's on the agenda for each program so we can introduce and prepare the students for your lesson. It would help them transition into your presentation."* – Ms. Howard

*"My students love the program. Thanks!"* - Michael Alvarez

*"Thank you! Keep up the positive work!"* – Leslie Gascoigne

*"Sometimes hard to schedule bus fieldtrips (paperwork). Would love to go to Cater Water Treatment Plant. Thank you so much!"* Jean Rogers O'Reilly