Creating Environmentally Responsible Citizens

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Environmental education (EE) aim:

- Shape human behavior and
- Promote responsible citizenship
 - 1) awareness, sensitivity, and a basic understanding
 - 2) feelings of concern and motivation for actively participate
 - 3) skills in identifying and solving
 - 4) active involvement towards

Knowledge alone does not promote behavior change

- Sensitivity
- Personal investment
- Empowerment, and
- Perceived skills

Study Goals

Evaluate if SEE students are

- 1. Aware, sensitive, and understood environment
- Felt concern about the environment and were motivated to actively participate in environmental problems and protection,
- 3. Had skills in identifying and solving env. prob., and
- 4. Had begun to actively participate in solving env. prob.

Compared to students that not involved in the SEE program.

SURVEY

CONSERVATION VALUES IN HIGH SCHOOL STUDENTS

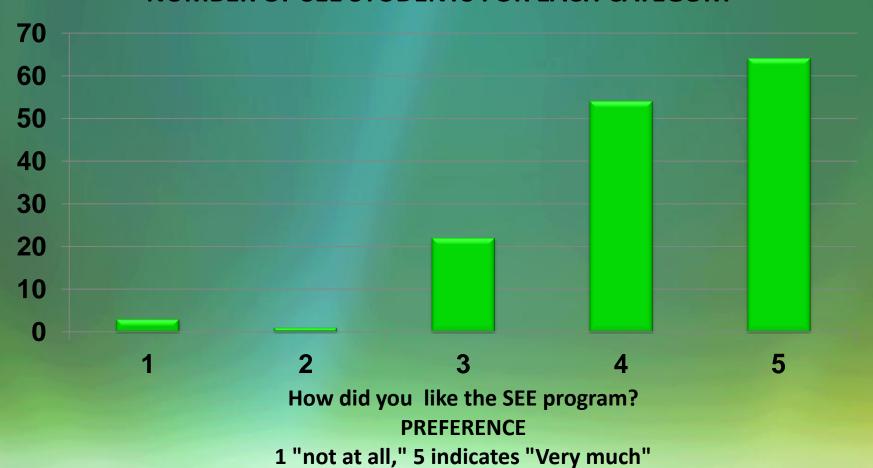
	CONSERVATIO	IN VALUES IN HIC	IN SCHOOL STOD	EIN I 3	
Basic Information					
Were or Are you a mo	ember of the Scho	ool of Environme	ntal Education (SE	EE team)?	
No Yes					
Not at all	Some	Very much			
If Yes, did you like the	e program? 1	2	3	4	5
What is your current	year in school?				
Freshman Sophomo	re Ju	unior Se	nior		
What factors or expe natural world? C	riences do you fee heck all that apply		ntal in developing	your attitud	le toward the
Outdoors Family	Study of	Books	Love for one's	SEE pi	rogram
	natural system	ms	place of origin		
What type of setting	did you live in as a	a child? 🗆 Urbar	□ Suburban	□ Rural	

Methods

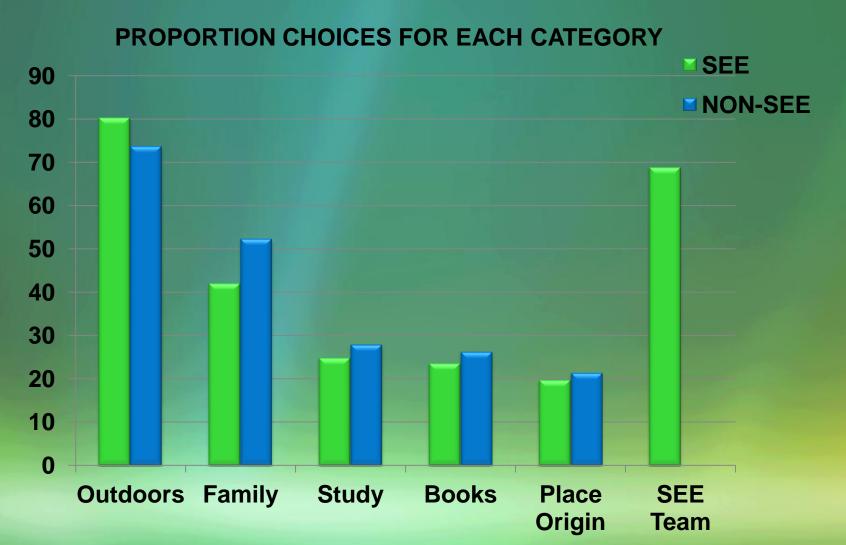
- Survey with 9 questions
- 817 total students from Riverside Brookfield HS
- 157 SEE students
 - 57 freshman
 - 37 sophomores
 - 32 juniors
 - 29 seniors
- 660 NON-SEE students
 - 221 freshman
 - 228 sophomore
 - 136 juniors
 - 71 seniors

Did you like the SEE program?

NUMBER OF SEE STUDENTS FOR EACH CATEGORY



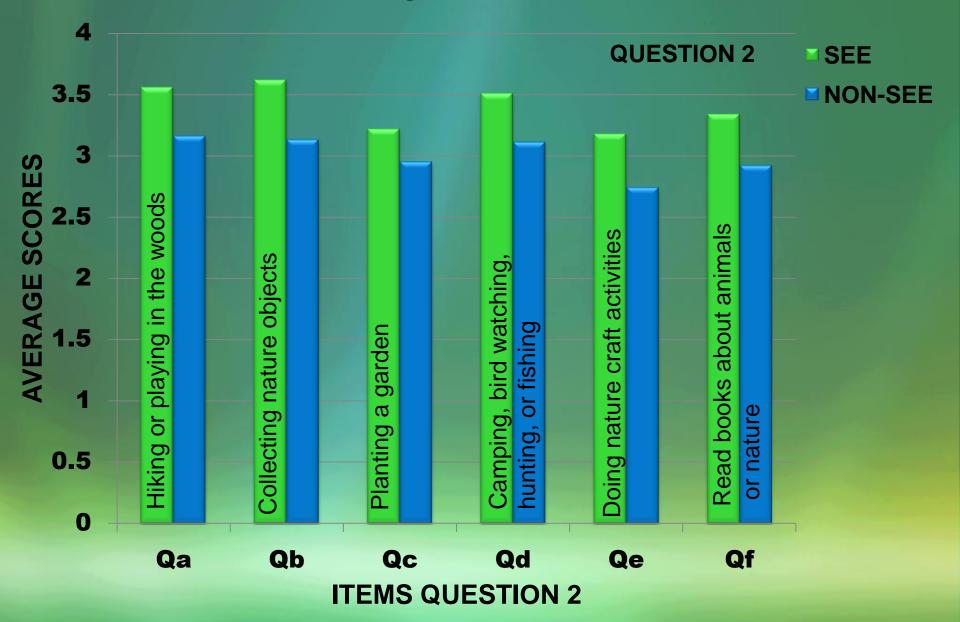
What factors were instrumental in developing your attitude toward nature?



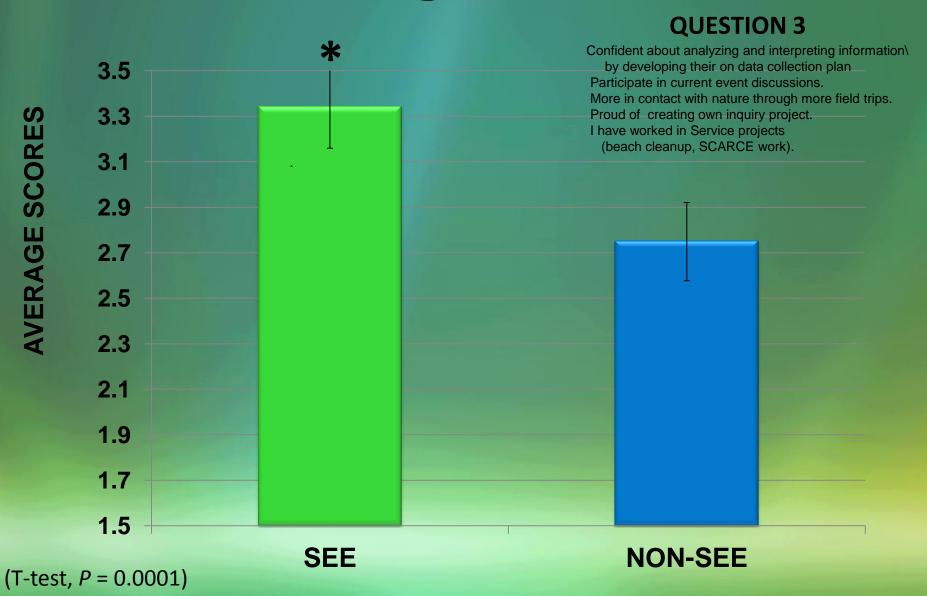
Questions 2 to 7

Expected answer: 5

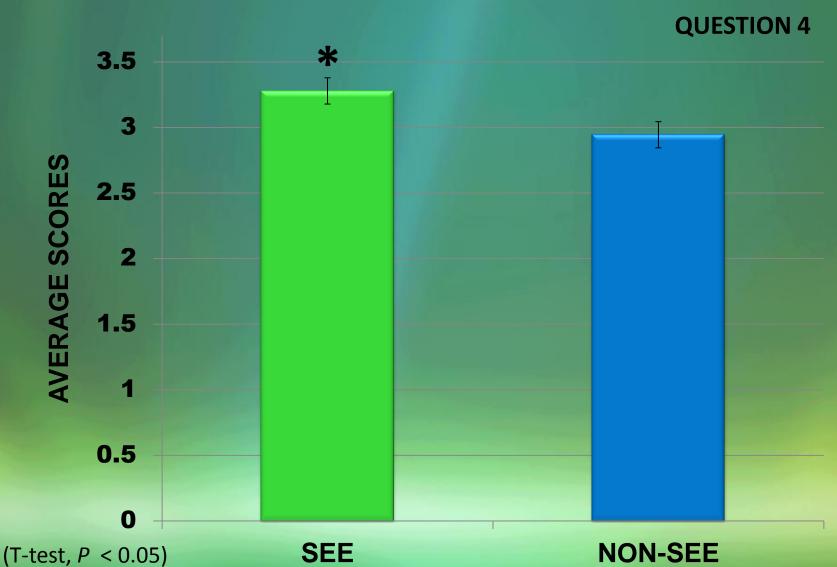
Family Influence



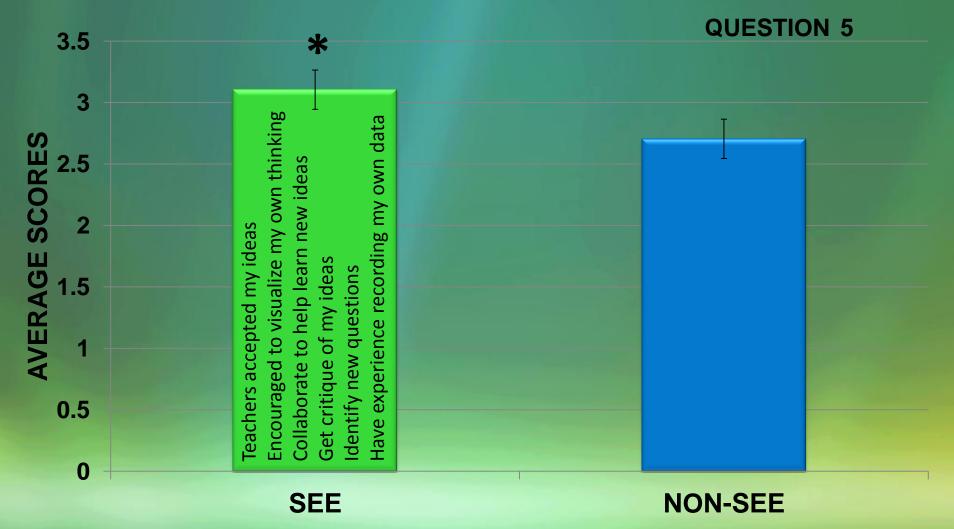
SEE Program Goals



Overall Nature Connectedness

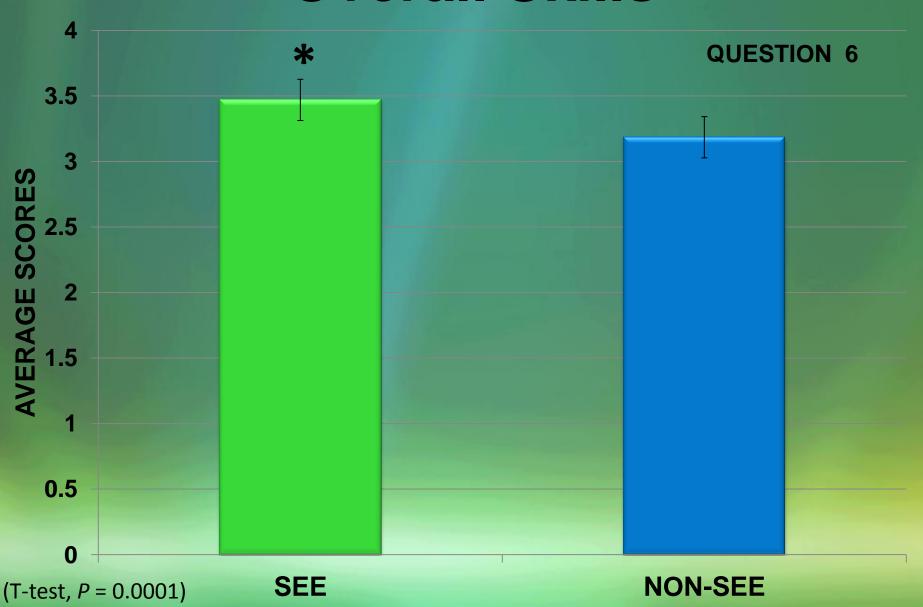


Overall Self-Esteem and Empowerment

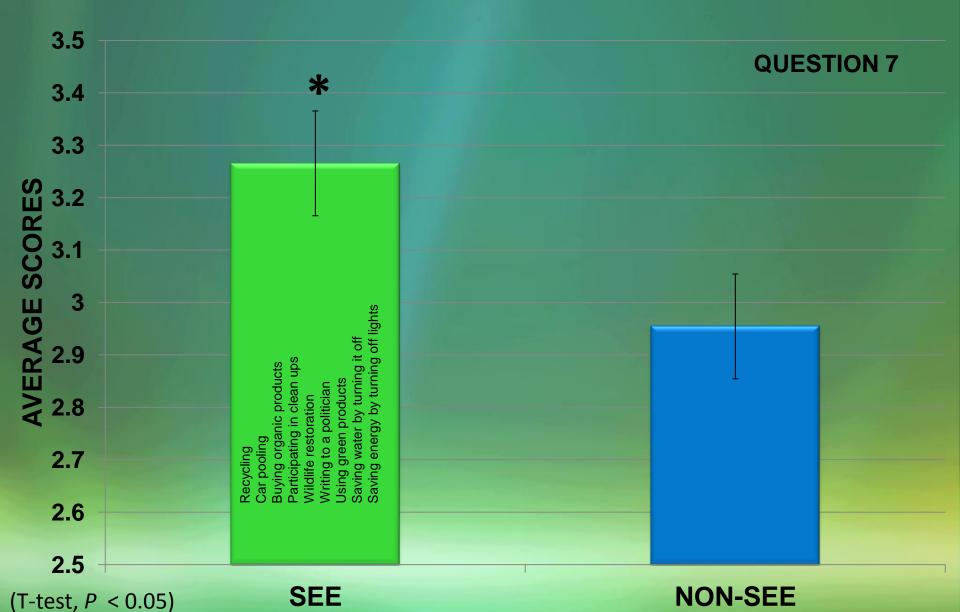


(T-test, P < 0.05) Give a sense that they can make changes &help resolve important env. issues.

Overall Skills



Overall Environmental Action

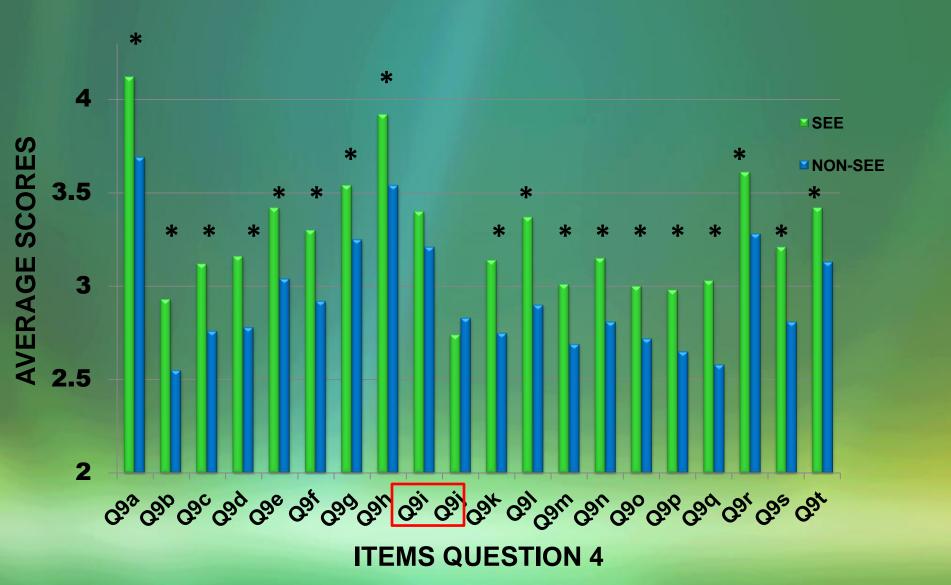


CONCLUSIONS

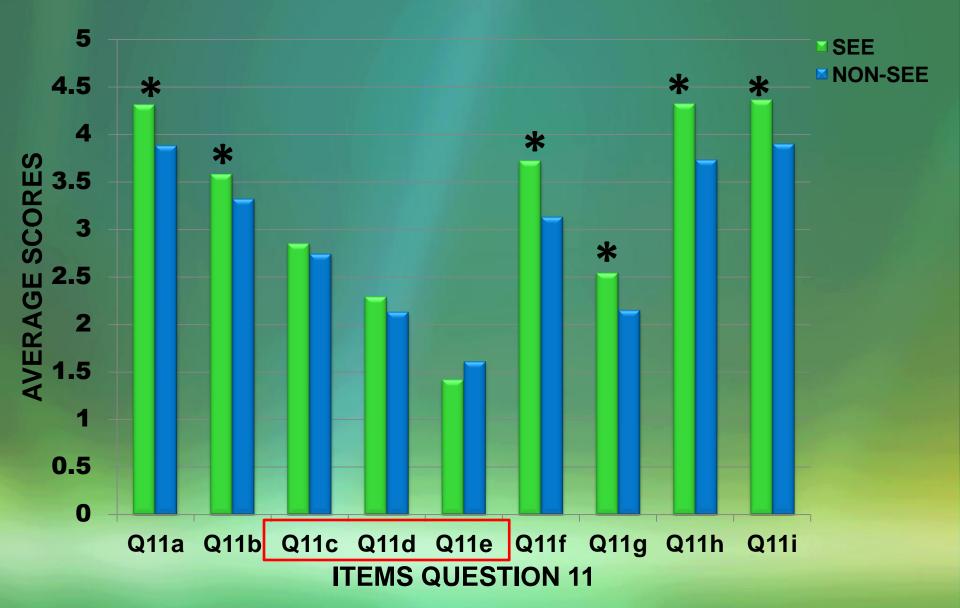
- Students liked the program
- The SEE program is responsible for the students' attitude toward nature
- Family does not have a detectable effect on environmental attitudes
- Goals of the SEE Program were reached
- SEE are more connected to nature
- SEE students feel more empowered than NON-SEE students
- SEE have better skills to identify and resolve environmental problems
- SEE are more environmentally active than NON-SEE
- SEE program: stronger potential to create responsible citizens than traditional education



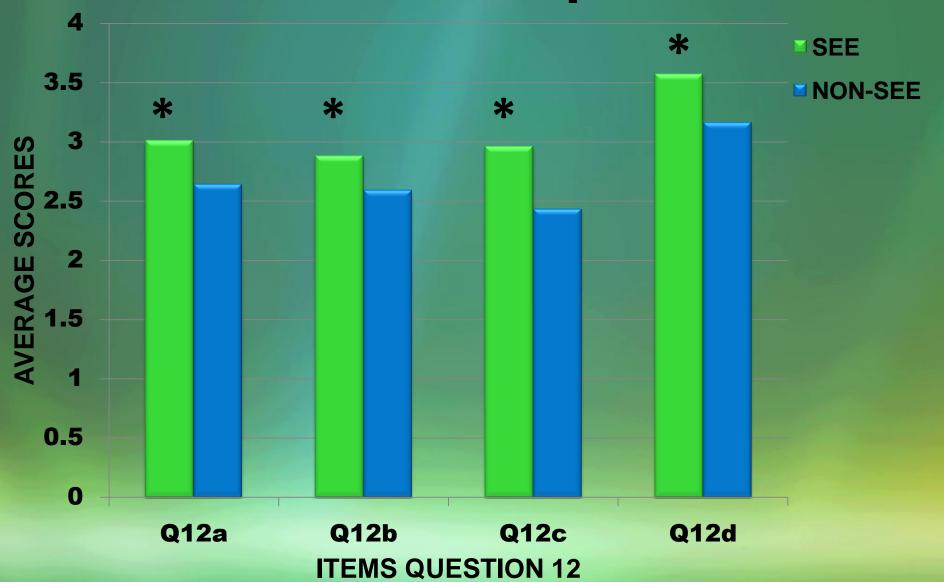
Nature Connectedness Scale



Environmental Action



Self Esteem & Empowerment



Skills to identify Env. Problems

