

BRING SCIENCE TO LIFE! A SCHMAHL SCIENCE WORKSHOP PRESENTS "SCIENCE EXPLORATIONS"



Photography Workshops for Grades 5 and 6

DATES: Thursdays after school: **October 2,9,16,23,30; November 6,13,20; December 4,11**

Please sign up by September 28. Pre-registration is required.

TIME: **3:00-4:30 pm.** Children must arrive and be picked up punctually.

PLACE: Cafeteria

COST: \$150/10-week session (Parkview offers limited need-based 50% fee reductions.)

INSTRUCTOR: All Workshops are conducted by fully trained and reliable SSW facilitators.

Come discover the roots of photography. In this class we will discover the history of photography and how it has developed over the last 150 years, from its roots as the Camera Obscura to the modern digital cameras of today. We will meet weekly and will cover three major areas of interest.

The first area of study will be on:

1. History of photography and the important scientists who advanced the technology.
2. The Nature of light from a physical as well as an esthetical sense.
3. The Camera Obscura, where we will study how it works and build our own working Camera Obscura.

The second area of study will be on:

1. The pinhole camera - where we will build a real working pinhole camera
2. Study of photographic theory related to exposure, where aperture, shutter, Exposure Value, and Film Reciprocity as well as learning how to estimate exposure times based on light levels.
3. Photographic composition and visualization of a scene with out looking through a camera view finder (because the pinhole camera does not have one!)

The third area of study will be on:

1. In field photography and pinhole camera operation (including the loading, unloading and exposing of film in the camera)
2. Photochemistry and the development of the negative.
3. The printing of the Positive through the contact print method.
4. Finally if time permits, an exploration of Digital Pinhole Photography will also be touched upon.

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Parkview Elementary School
A Schmahl Science Workshop
171 Branham Ln., Ste. 10, PMB 223, San Jose, CA 95136 408-281-7595

Child's Name _____ Grade 2008-09 _____
 Child's Name _____ Grade 2008-09 _____
 Child's Name _____ Grade 2008-09 _____
 Parent Name _____ Email _____
 (For registration confirmation)
 Address _____
 City _____ Zip _____
 Home Phone _____ Emergency Phone _____
 Any Medical issues for child(ren) _____

Please indicate how many children will attend each workshop. Cost is \$52 per child per session or \$93.60 per child for both sessions.

Workshop Series	Students' Names	# of Students	Amount Due
Photography Workshop - 10 weeks Fee: \$150 per student			
Total due			

- **Mail registration to:** A Schmahl Science Workshop, 171 Branham Lane, Ste. 10, PMB 223, San Jose, CA 95136.
- **Payment is due with registration. No refunds. No substitutions.** Send check or money order made out to A Schmahl Science Workshop. Credit Card Payments: MasterCard, Visa (Circle One)
 Card Number _____ Exp. Date _____ CID _____
 Signature _____ Date _____
- Check here to be added to our mailing list of future workshops _____.
- Check here for information via email _____.
- SSW may take workshop photos for use in SSW's publicity. Names and locations will not be published. Check here if we have your permission to take photos of your children during our workshop(s) _____.