

## Thank you for helping

At no cost or fee EVERYONE can **donate for free** by using AmazonSmile of Amazon. Choose us as the nonprofit and **AmazonSmile donates for you.**

### Deductible

Gifts are appreciated and respected. They are spent wisely for students and our science programs, and are tax deductible. This helps our financially limited schools and families have science for their students.

### About Us

This award winning 501c3 nonprofit was founded in 1997 by Irvin Lindsey and Diane Cornell. The 3 programs include series of classes during or after school, 5 weeks of summer field trips, and a week of backpacking in Yosemite. These 3 popular programs combine advanced multi-science fundamentals with fun, extraordinary teaching and a student centered approach. Our methods nurture students natural talents and help them develop their interests. **We realize the immense importance of effective science education for school and job opportunities, life time earnings and for contributing to our future's scientific capital.**

### Waiver of Liability

I understand that OSE/CSF is not responsible for accidents. Without exception or excuse we expect students to use common sense, have good health and behavior, follow directions and practice safety. In case of emergency I give permission for my child(ren) to get medical treatment. At Irvin's discretion if behavior or preparation is a problem a student can be dropped and tuition is lost.

### Plus....

Late pickup can cost \$1 per minute. In case of emergency I give permission for my child(ren) to get medical treatment. Report medication. Mail check or credit card information with this form or call by phone to use credit cards. OSE can refund your tuition fees or deposit, less 25% for administrative processing, if there is a full complement of students and an alternate student can be admitted. There is no refund if these 2 conditions are not met or if a student withdraws within 2 weeks of the start date. During all that we do, pictures or video are sometimes taken as family gifts, or for the scrapbook, handouts, the website or quality control. We have the utmost respect for privacy.

## 2017 - Our 20th Year

# Summer Science Fun

## June 19 - July 21



with the local nonprofit foundation

## Outdoor Science Exploration & Classroom Science Fun

### Active Learning For Active Minds

### Physics, Chemistry, Life & Earth Sciences

## info@osefun.com

## www.osefun.com

### 831 - 419 - 2147

## Our 3 programs...



### "And We're Off"

#### Day Adventure Trips

Our great summer trips for ages 7-14 offer direct contact with **nature & multisience lessons**. Kids are smarter outdoors. Science scores rose 27% when outdoors.

"Green exercise" with this fun break from technology can improve memory, relieves stress, and help build social skills.



### Yosemite Backpacking

This exciting and rewarding ~37 mile week long event is for older students who are or want to be **exemplary**. It combines opportunities for developing self-confidence and for experiencing wonderful

exercise with learning-by-discovery and a restorative break from technology in this world famous park. **10 student limit.**



### Multisience Physics & Chemistry

Each year we teach **150+ hours** of fun new lessons at local public, private, charter and home schools including community centers & after

school programs. We meet once a week in series of 7-10 classes for grades 2-10. Materials for class and take home are included.

### Founder & Director

**Irvin Lindsey** is a gifted Master Teacher with credentials, degrees and special training on multisensory skills and how fun helps learning. He has worked with elementary to college students, at public & private schools, and in the classroom & outdoors. He enjoys a special talent for connecting with students of many ages. He is a past United Way Community Hero and a Hands-on Award Winner of San Jose's Resource Area for Teachers.



### Co-Leader & Director

**Mary Edith Ingraham** is an inspiring example for young women. She is a talented software coder and website developer with her own consulting business. She has been hiking since her Girl Scout days, and frequently enjoys camping and hiking adventures with her 2 grown daughters. Fine woodworking, dancing, and cooking are among her many talents.



# SUMMER 2017 Outdoor Science Exploration

## "And We're Off" Day Adventures Ages 7-14 10 am - 4 pm June 19 - July 21

Choose by the day, week, or all 5 weeks. Have FUN with PHYSICS and CHEMISTRY!

These are carefully designed to improve memory, creativity, focus, eyesight, science scores, social skills, and relieve stress. Students enjoy activities with a **Master Science Teacher**, relax with **unstructured play** & explore nature with **hands-on learning**.

Kids carry DAY PACKS with food & drink. It's helpful to put ID on things and visit a restroom before dropoff.

SANDALS can be useful and so can a hat, jacket, UV sunglasses & sunscreen, a light change of clothes and a small towel.

Join more than 600 local families who put their students ahead with Santa Cruz's leading resource for effective science education.

Choose **WEEKS** **PREPAID** - 6/19-23 \$199 6/26-7/21 each week \$219 5 weeks \$999 Drop in/not prepaid is \$249

Choose **DAYS** \$55 prepaid - when we have payment ahead at least 2 days \$65 Drop in

Here are a few of the multisience activities. Most are taught once. Snacks & take home materials are included.

6/19 MON - **Harvey West Friendship Garden** by pool/Dubois St - Anatomy Torsos, Drink Up Side Down, Mg Burn+UV+Beads, Blind Spots, Stomp Rockets...

6/20 TUE - behind Nat'l History **Whale Museum** - Tuning Forks, Our Organs, Straw Music, Flash Burning Paper, Pushing Our Metabolism, Metal Block Mass...

6/21 WED - lower **Delaveaga Park** parking - Implosion with a Can, Inertia Forces of Tops+Wheels, Suction Cups, Touch Sensor Density, Kinetic Energy Sticks...

6/22 THU - **Depot Park** parking by soccer field - Double Hand Writing, Monocots/Dicots, Exothermic & Super Cooled, Color Pi Beads, Candle Oxidation...

6/23 FRI - **Pogonip Park** at Golf Club Dr. end - Fossils, Stacking Marble, Trapped Fish, Marbles in Spring, Poison Oak+Urushiol, Pushing Uphill, Wild Rose Fruit...

6/26 MON - **Katherine Lane corner** near SC Gardens Elem. - 6000°F Flames, Floating Soot, Elbow+Cup Inertia Spin Disks, Averted Vision, Sunlight Burning...

6/27 TUE - **Blue Ball Park** parking by Soquel High School - Siphon Power, 2 Liquids making Bouncing Balls, Balloon Helicopters, Wrist Holes, Buzz Saws...

6/28 WED - **Frederick Street Park** parking - Very Cold Temps, Candles, Invisible Water Balls, Oxidizing + Phase Changing Zn + Fe, Radiometers + Reflection Fun...

6/29 THU - **Harvey West Friendship Garden** parking - Diffraction Finger Lines, Spectroscopes, Slippery Tape, Chains of Molecules, Circles With 2 Centers...

6/30 FRI - behind Nat'l History **Whale Museum** - Boomerang Center of Gravity, Rock Cycle, Fossils, Paper Clips+Magnets, Iron Dust, Venus Flytraps, UV Beads...

7/3 MON - lower **Delaveaga Park** parking - Collision Burns, Doppler Spin+Bull Roars, Balloons+Candles+Water in a Bottle, Mirror Mazes, Phase Change+Storms...

7/4 TUE - **Depot Park** parking by soccer field - Solid Sound, Spin Catching + Throwing, Purple Flame Delay, Lateral Vision, Shadow Clock, Balloon + Little Hole...

7/5 WED - **Pogonip Park** at Golf Club Dr. end - Spin Forces of Tops + Wheels, Low Pressure Cups, Touch Sensor Density, Kinetic Energy Sticks, Bridge Physics...

7/6 THU - **Katherine Lane corner** by SC Gardens Elem. - Fresnel Fire, Lifting Coins in a Fluid, Butterfly Licorice, Catching a Ball with 1 Eye, Endothermic Salt...

7/7 FRI - **Frederick Street Park** parking - Making + Detecting Sound We Can't Hear, Inflating Big Bags, Backwards Syringes, Compression Waves in Springs...

7/10 MON - **Blue Ball Park** parking by Soquel HS - Fire Dust, Water Powder, Solar Energy, Big/Little Fans + Motors, Reflexes vs. Thinking, Stomp Rockets...

7/11 TUE - **Harvey West Friendship Garden** parking - Boneless Fish Fossils, Surface Tension on Pennies, Ultracold, Buzz Saws, Pumice + Exploded Obsidian...

7/12 WED - behind Nat'l History **Whale Museum** - String thru Wrist, Stick Poppers, Bike Wheel Top, Motors+Tape, Heat Wave Refraction, Backward Writing...

7/13 THU - lower **Delaveaga Park** parking - Stomp Rockets, Balloons+ Fire, Air Powered Straw Rockets, Zinc + Lead Melt, Foam Cannon Ball, Balloon Helicopters...

7/14 FRI - **Depot Park** parking by soccer field - Catching a Van, 3 Motion Laws, Bernoulli's Principle Ping Pong, Catch Curving Water Balloons Launches...

7/17 MON - **Pogonip Park** at Golf Club Dr. end - Glove Vibrations, Bernoulli's Principle+Paper, Hyper Bright Colors, Inflating a Sealed Balloon, Bridge Physics...

7/18 TUE - **Katherine Lane corner** near SC Gardens Elem. - Solid String Sound, Temperature is Relative, Magnetic Dirt, UV Beads, Pet Paperclips...

7/19 WED - **Blue Ball Park** parking by Soquel High School - Lever Launching, Bang Snap Analysis, Concave Refraction Burn, Rubber Band Ball Targets...

7/20 THU - **Frederick Street Park** - Multiplying Mirros, Low Pressure Radiometers, Solar Cells, Explosive Dust, Motors, Fire Roasting Balloons, Liquid Metal...

7/21 FRI - **Harvey West Friendship Garden** parking - Lever Motion, Magnetic Fields + Fan Spinners, Bucket Spins, Straw Rocket Motion Laws, Water Mistlers...

## YOSEMITE BACKPACK JULY 23 - 30

This exciting and rewarding ~37 mile week long event is for older students who are or want to be exemplary. It combines opportunities for developing self-confidence and for experiencing wonderful exercise with learning-by-discovery and a restorative break from technology in this world famous park. There's more information on our website and handout. Minimum age 10 or 12 up to 17. 10 students limit

OUTDOOR SCIENCE EXPLORATION AND CLASSROOM SCIENCE FUN

116 PLATEAU AVENUE, SANTA CRUZ, CA 95060

831-419-2147

INFO@OSEFUN.COM

OSEFUN.COM

## 2017 Registration

Name/s & age/s \_\_\_\_\_

Date/s \_\_\_\_\_

Tuition Payment \$ \_\_\_\_\_

Cash ( ) Check# to OSE \_\_\_\_\_ or Credit Card info

month \_\_\_\_\_, year 20\_\_\_\_, CVV \_\_\_\_\_, &

Parent /s \_\_\_\_\_

Email \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_, CA 95\_\_\_\_

Phone # \_\_\_\_\_

School \_\_\_\_\_

If parent/s cannot be reached, call:

Name \_\_\_\_\_

Phone # \_\_\_\_\_

Relationship \_\_\_\_\_

Doctor's Name & Phone: \_\_\_\_\_

Please read the other side and sign here.

signature

Outdoor Science Exploration /Classroom Science Fun  
116 Plateau Avenue, Santa Cruz, CA 95060  
(831) 419-2147 info@osefun.com