

Field Trip to Natural Bridges

This is a required field trip. You can go on EITHER:

Sat. February 27 at 2:30

OR

Sun. October 28 at 2:30

Please wear shoes with rubber soles – ideally outdoor type with lots of traction! We will be walking across slippery wet rocks.

Bring clothing for windy conditions (jacket) and sunscreen

You should be able to complete the activities in 2-3 hours. Bring water and snacks.

The geology of Natural Bridges

<http://www.es.ucsc.edu/~es10/fieldtripNBridge/Welcome.html>

Meet at the front parking lot located right at the beachfront (see map below), closest to the West Cliff Drive-Swanton Blvd. entrance of Natural Bridges State Park. *You are responsible for getting to the beach yourself. We recommend carpooling; bus or bikes are also options!*

There are three activities. One is related to beach features, the second is related to waves and wave energy, and the third is related to tidepool organisms.

Things to bring (if you have them- will make your life much easier!):

Ruler with centimeters,

Magnifying glass

Pencil & Eraser

Marker

Clipboard or a hard surface to write on

MAP AND TRANSPORTATION Route 3B - Mission/Natural Bridges

TRANSPORT: Carpool, Bike, or Go to <http://www.scmttd.com/> for more information about bus schedule/route.

Route Map: <http://www.scmttd.com/maps/map03.html>

WE WILL MEET IN THE PARKING LOT— YOU NEED TO BE ON TIME!

REQUIRED ACTIVITIES WAIVER

UNIVERSITY OF CALIFORNIA AT SANTA CRUZ
The Oceans (OCEA-1-01)

Waiver of Liability, Assumption of Risk, and Indemnity Agreement

Waiver: In consideration of being permitted to participate in any way in OCEA-1-01 The Oceans, I, for myself, my heirs, personal representatives or assigns, **do hereby release, waive, discharge, and covenant not to sue** The Regents of the University of California, its officers, employees, and agents from liability **from any and all claims** resulting in personal injury, accidents or illnesses (including death), and property loss arising from, but not limited to, participation in OCEA-1-01 The Oceans.

Signature of Parent of Minor Date

Signature of Participant Date

Assumption of Risks: Participation in OCEA-1-01 The Oceans carries with it certain inherent risks that cannot be eliminated regardless of the care taken to avoid injuries. The specific risks vary from one activity to another, but the risks range from 1) minor injuries such as scratches, bruises, and sprains to 2) major injuries such as eye injury or loss of sight, joint or back injuries, heart attacks, and concussions to 3) catastrophic injuries including paralysis and death.

I have read the previous paragraphs and I know, understand, and appreciate these and other risks that are inherent in OCEA-1-01 The Oceans. I hereby **assert that my participation is voluntary and that I knowingly assume all such risks.**

Indemnification and Hold Harmless: I also agree to INDEMNIFY AND HOLD The Regents of the University of California HARMLESS from any and all claims, actions, suits, procedures, costs, expenses, damages and liabilities, including attorney's fees brought as a result of my involvement in OCEA-1-01 The Oceans and to reimburse them for any such expenses incurred.

Severability: The undersigned further expressly agrees that the foregoing waiver and assumption of risks agreement is intended to be as broad and inclusive as is permitted by the law of the State of California and that if any portion thereof is held invalid, it is agreed that the balance shall, notwithstanding, continue in full legal force and effect.

Acknowledgment of Understanding: I have read this waiver of liability, assumption of risk, and indemnity agreement, fully understand its terms, and **understand that I am giving up substantial rights, including my right to sue.** I acknowledge that I am signing the agreement freely and voluntarily, and **intend by my signature to be a complete and unconditional release of all liability** to the greatest extent allowed by law.

Signature of Parent of Minor Date

Signature of Participant Date