

LESSON PLAN for OOS Summer Teachers  
Institute  
INTRODUCTION to SCCOOS

SCCOOS Web quest

Objective

1. To learn about SCOOS (Southern California Coastal Ocean Observing System), logging on.
2. Navigate through SCCOOS, and to learn about data about the ocean and to use it to plan trips.

Correlations

National Education Standards

A2, B4, D1, E1, F

California State Education Standards

Earth Sciences: 5d, Investigation and experimentation

Ocean Literacy Principals

Abstract

SCCOOS brings together coastal observations in the Southern California blight to provide information necessary to address issues in climate change, ecosystems preservation and management, coastal water quality, maritime operations, coastal hazards, and national security.

As a science-based decision support system, SCCOOS works interactively with local, state and federal agencies, resource managers, and industry and policy makers, educators, scientist and the general public to provide data, models and products that advance our understanding of the current and future state of our local and global environment,

Materials; Computer, internet access

Procedure

Part A

1. Log on to the internet, type I [WWW.SCCOOS.com](http://WWW.SCCOOS.com), and navigate through home page.
2. Click on Beach Goers and Surfers

3. Click on Los Angeles and record your data.

1. Record your information using Beach Goers and Surfers.

Ocean Surface Temperature \_\_\_\_\_

Modeled Winds \_\_\_\_\_

Water quality \_\_\_\_\_

Significant wave height \_\_\_\_\_

Surface temperature \_\_\_\_\_

**Part B**

Compare your results on a surfing adventure to the real time data available from SCCOOS.

1. Which piece of data was the most helpful in planning your surfing expedition?

2. What piece of information help you pick that spot and make you want to return

