

Coast Alive! Teacher Institute: Land-Sea Interface  
*San Francisco East Bay 2009*

## Syllabus

### **Sunday, August 2, 2009, Tilden Nature Center**

*THE LAND – How did this watershed form?*  
(*Earth systems, plate tectonics, watershed processes*)

8:30am	Registration/sign-in
9:15	Welcome, Introductions, Ice-breaker
10:25	Intro to the East Bay watershed
11:30	Earth systems/tectonics
12:00pm	BAG LUNCH
12:30	Tilden tour w/ Rapid Assessment
2:30	Introduction to Language Arts & Science
3:00	Sampling theory
3:45	Team Projects
5:00	Adjourn for the day

### **Monday, August 3, 2009, Crab Cove Visitor Center**

*THE BAY – How does the bay work?*  
(*The bay & estuary: Waves, tides, winds and sand*)

8:45am	Coffee & morning nibbles
9:15	Overview: the land-bay interface
9:40	Fill the Bill
10:30	Multimedia
11:00	Line transects/quadrats
12:00pm	BAG LUNCH
12:30	Stations & Multimedia
1:00	Language Arts exercise
1:30	NOAA Sanctuaries: Reading Tide Data
2:30	Team Projects
5:00	Adjourn

### **Tuesday, August 4, 2009, Crab Cove Visitor Center**

*COASTAL ECOLOGY – How do plants and animals live here?*  
(*Plant & animal adaptations, marine food webs, field sampling*)

8:45am	Coffee & morning nibbles
9:15	Mini Bay Lab
12:00pm	BAG LUNCH
12:30	Statistics exercise
1:15	Ooey Gooey Fish Guts
2:00	Golden Gate Audubon Activity
2:45	Team Projects
5:00	Adjourn

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### **Wednesday, August 5, 2009, China Camp State Park**

*HUMAN IMPACT – How do people fit in?*

*(Ecosystem services & the East Bay watershed, conservation & restoration)*

8:45am	Coffee & morning nibbles
9:00	Welcome and intro to state parks!
9:15	Mini-State Parks
10:00	Fishing Frenzy
11:15	Team Projects
12:00pm	BAG LUNCH
12:30	Team Projects/naturalist walk
5:00	Adjourn

### **Thursday, August 6, 2009, Coyote Hills**

*CONNECTING THE DOTS – How does it all relate?*

*(Rapid Assessment, Language Arts, stewardship)*

8:45am	Coffee & morning nibbles
9:20	Team Projects – explore salt ponds and marshes
11:00	Coyote Hills Visitor Center tour
11:30	Team Projects: presentations and Language Arts connection
12:30pm	BAG LUNCH
1:00	Depart for Edens Landing
1:30	Save the Bay at Edens Landing (restoration and stewardship)
5:00	Adjourn

### **Friday, August 7, 2009, Trudeau Training Center**

*COAST ALIVE! FINALE*

8:45am	Coffee & morning nibbles
9:00	Post test
9:30	Team Projects: Finalize presentations
12:00pm	CATERED LUNCH
12:45	Presentations
1:45	Award Ceremony
2:00	Adjourn