



SYLLABUS

Ocean Leader 10th Grade Program

COURSE OBJECTIVES



Students will...

- Students participate in all stages of the Science Discovery Process through field-based community research projects and gain the knowledge to name and describe each aspect.
- Live alongside science and alumni mentors who help them transform their perspectives on being change makers and having a meaningful impact on the world.
- Students strengthen their growth mindset by building community, taking risks in a safe environment and overcoming challenges through hard work.

COURSE OVERVIEW



We use authentic scientist and community-led research projects to enable students to understand how the Science Discovery Process works and how they may apply it as science leaders. We teach the importance of a growth mindset and provide a series of growth mindset tools to support learning, healthy bodies, and strong hearts and minds.

COURSE LOCATION



Bahía de los Ángeles, Baja California, México

San Diego, CA

Launch Night: **Tuesday, May 12th, 2026**

Departure & Travel Day: **Thursday, June 4th**

7 am Arrive at Lab – 7:30 am Vans Depart

Travel Day & Return to San Diego: **Monday, June 15th (TBD)**

IMPORTANT DATES



TYPICAL DAY IN BAJA



| Start Time | End Time | Activity |
|------------|----------|---------------------------|
| 6:00AM | 6:30AM | Wake-up |
| 6:30AM | 7:15AM | Community Building/ Brkft |
| 7:25AM | 12:30PM | Field Research |
| 12:30PM | 12:50PM | Research Reset |
| 12:50PM | 1:40PM | Lunch |
| 1:40PM | 2:30PM | Self-Reflection |
| 2:30PM | 3:10PM | Siesta |
| 3:10PM | 4:50PM | Salud |
| 4:50PM | 6:30PM | Know it! Own it! |
| 6:30PM | 7:00PM | Dinner |
| 7:05PM | 7:30PM | Community Chores |
| 7:30PM | 8:30PM | Evening Activity |
| 8:30PM | 9:00PM | Sleep Prep |
| 9:00PM | 6:00AM | Sleep |

| Day | Date | Field Research Syllabus | Evening Activities |
|-----|---------------|--|-----------------------------------|
| 1 | Fri. 6/5 | Explore & Wonder: Orientation You will become oriented to the program goals, field station, community, and water. | Rec/Exercise |
| 2 | Sat. 6/6 | Explore & Wonder: Explore the Bay In partnership with your Eco Guides, you will experience the islands and the bay. | Rec/Exercise |
| 3 | Sun. 6/7 | Investigate: Intertidal Research In partnership with El Voz de la Oceano/The Voice of the Ocean, you will monitor invertebrates at the seashore to examine changes in populations over time. | Rec/Exercise |
| 4 | Mon. 6/8 | Investigate: Pollution Research In partnership with Saneamiento de Islas, you will explore the wetlands and collect and measure trash to determine where pollution is the greatest. | Rec/Exercise |
| 5 | Tues. 6/9 | Investigate: Fisheries Research In partnership with Pescador/Fisherman Hector, you will collect fish traps with and without lights to determine if lights increase catch and decrease bycatch. | Rec/Exercise |
| 6 | Wed. 6/10 | Analyze: Bird Research In partnership with Monitoreo y Vigilancia de las Islas/Monitoring and Surveillance of the Islands, you will count birds on the islands in the bay to examine changes in populations over time. | Art/Night Snorkel/Bird Walk |
| 7 | Thur. 6/11 | Analyze: Presentation Prep In the morning you will practice for your presentation and event roles. In the afternoon, in partnership with Grupo Tortuguero/Sea Turtle Group, you will capture and take data on sea turtles to examine population changes over time. | Sea Turtle Monitoring |
| 8 | Fri. 6/12 | Communicate: Museum Exploration In partnership with Museo de Naturaleza y Cultura/Natural History and Culture Museum, you will learn about effective communication and practice for your presentation and event roles. | Art/Night Snorkel/Bird Walk |
| 9 | Sat. 6/13 | Explore and Wonder: Celebrate Success! You will snorkel, search for wildlife, and enjoy the bay. | Art/Night Snorkel/Bird Walk |
| 10 | Sun. 6/14 | Communicate: Community Celebration Prep You will pack and clean and practice for your presentation and event roles. | Community Celebration |