

SYLLABUS

Ocean Leader

Intro to Research Course



COURSE OBJECTIVES



Students will...

- **BELIEVE** that science is something they can do and a scientist is someone they can be.
- **ACHIEVE** in science and think critically.
- **LEAD** in science and conservation to make a difference

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 Àngeles, Baja California, Mexico

IMPORTANT DATES



San Diego, CA

Signing Night: **DATE HERE**

Launch Night: **DATE HERE**

Family Celebration at the Living Lab: **DATE HERE**

Cohort 1 – Baja, Mexico

Departure & Travel Day: **July 18th**

Program Days: **July 19th – July 30th**

Travel Day & Return to San Diego: **July 31st**

Cohort 2 – Baja, Mexico

Departure & Travel Day: **July 25th**

Program Days: **July 26th – August 6th**

Travel Day & Return to San Diego: **August 7th**

TYPICAL DAY IN BAJA



Start Time	End Time	Activity
6:00AM	6:30AM	Wake-up
6:30AM	7:15AM	Community Building
7:15AM	12:15PM	Field Research
12:30PM	1:00PM	Lunch
1:05PM	1:45PM	Self-Reflection
1:45PM	2:30PM	Siesta
2:30PM	4:00PM	Salud
4:00PM	6:00PM	Know it! Own it!
6:00PM	6:30PM	Dinner
6:30PM	7:10PM	Chores
7:15PM	8:25PM	Evening Activity
8:30PM	9:00PM	Bedtime Prep
9:00PM	6:00AM	Sleep



Timeline for the Introduction to Research Program

Day	Dates Cohort 1	Dates Cohort 2	Field Research	Evening Activity
1	7/19	7/26	<i>Explore & Wonder</i> Program Goals & Field Station Orientation (Land)	Zumba
2	7/20	7/27	<i>Explore & Wonder</i> Explore the Bay (Boat)	Circuit Training
3	7/21	7/28	<i>Investigate</i> Spider & Cactus Survey (Boat) – Cohort 1 Intertidal Monitoring (Land) – Cohort 2	Zumba
4	7/22	7/29	<i>Investigate</i> Fisheries (Boat)	Circuit Training
5	7/23	7/30	<i>Investigate</i> Wetlands (Land)	Zumba
6	7/24	7/31	<i>Analyze</i> Whale Shark Monitoring (Boat)	Circuit Training
7	7/25	8/1	<i>Analyze</i> Intertidal Monitoring (Land) – Cohort 1 Spider & Cactus Survey (Boat) – Cohort 2	<i>Analyze</i> Sea Turtle Monitoring (Land)
8	7/26	8/2	<i>N/A</i> Recover from Sea Turtle Monitoring (Land)	Zumba & Night Snorkel
9	7/27	8/3	<i>Make a Difference</i> Bird Monitoring (Land)	Circuit Training & Night Snorkel
10	7/28	8/4	<i>Celebrate Success!</i> Enjoy a day of beach and boat fun! (Boat)	Zumba & Night Snorkel
11	7/29	8/5	<i>Communicate</i> Museo (Land)	Circuit Training
12	7/30	8/6	<i>Communicate</i> Community Celebration (Land)	Community Celebration!