

Dive into Oceanography Project THINK 3rd - 8th Grades

38 years in 2018

Project THINK Office

Director/Co-founder:

Susan R. Warren, Ph.D.

Assistant Director:

Sarah Patterson

Young Thinkers Coordinator:

Muriel Lee

Office Managers:

Sandra Vega

Office Location

Mason Hall, Room 13
550 Harvard Ave, Claremont

Office Phone

909-833-0476

Office Hours

8:00am - 4:00pm

Project Think Tax ID#: 26-4592273

www.projectthink.com

Follow us on Instagram & Facebook

@projectthink

AM Daycare

Erin Baeskens

PM Daycare

**Laura Miller, Elaina Thurman, Ashtian
Martinez-Baltazar, & Paloma Diaz**

Project THINK students are discovering the scientific study of oceans during session one. They are looking at the life that inhabits them, their physical characteristics, the depth and extent of ocean waters where they dwell, their movement, and their chemical make-up as well as the topography and composition of the ocean floors.



Announcements

*Mystery animals visit Project Think every Friday.

Throughout the week students use deductive logic and reasoning to guess the animal that appears during their snack break on Friday. This week students were introduced to Mahi Mahi Tuna!

*Family night will be Thursday, July 26th, from 7:00pm to 8:00pm. Please join us on a tour of Mason Hall to see the student made projects, meet Project Think staff, and view streaming videos of the Thinkers in action.

Special Oceanography Assembly: On Wednesday, July 18, guest presenter, Barbara Carichner, a world class diver will share adventures from global waters. Students will be introduced to equipment used for diving and visually be transported to the depths of the ocean!

*T-Shirt Fridays: Thinkers who are wearing Project Think shirts on Fridays are entered into a raffle with prizes.

*Science***Teacher: Angelia Hobbs**

During Session 2, science comes to life as students explore internal and external anatomy by dissecting a squid. They will also record, observe, and make conclusions on how acidity affects marine life. Students will discuss how reducing ocean acidification requires reducing CO₂ emissions and reducing the carbon footprint. Additionally, through the exploration of diatoms, students will identify shapes and patterns of microscopic organisms.

*Art***Teacher: Ian Kirkpatrick****Assistant: Erin Baeskens**

This session students will explore the exciting realm of creature design. Students will be designing an aquatic creature by combining together two existing or previously existing creatures and putting it in its natural and livable aquatic environment. Students will focus on increasing their draftsmanship skills with different techniques and defining form within their unique creature's aquarium.

*Makerspace***Teacher: Zef Neemuchwala, Be A Maker Club****Assistant: Jatomis Stevenson, Be A Maker Club**

Project THINK is fortunate to have a water fountain in the quad outside of Mason Hall. This inspired the selection of this session's 'Making a Bottle Boat' project. Students started by discussing the science behind buoyancy and the Archimedes Principle. Students reviewed the 53 types of boats classified by the US Naval Institute, which helped them in sketching their own boat designs. Students will all build a motor powered boat of their own design. During this process they are constructing an electronic circuit with a switch to power the motor, light, and propellor by soldering individual wire connections. The boat design, based on their sketch, will be tested for sea worthiness during the final class in the fountain waters.



Student begins the construction of her Bottle Boat using recycled plastic bottles, foam pool tubes and hot glue.

*English Language Arts***Teacher: Mary Hannon****Assistant: Lauren Lane**

In this course, students in third to fifth grades are researching marine animals where they conduct a project of their collective findings. In sixth to eighth grades, students are pursuing their creativity as they compose an engaging narrative that involves the depths of the ocean. Students are working collaboratively to research marine animals and the harms of pollution that affect them.

*Morning Drama***Teacher: Danny Campbell****Assistant: Charis Tshihamba**

During this session Morning Drama students are working on nonverbal acting skills! Along with the basic skills of speaking loudly, facing the audience, and being good scene partners, Project Thinkers will be working with pantomime and mime to create original stories to perform in front of their classmates. These pantomime pieces are a practical way to showcase and assess the skills of pantomiming both objects and location while allowing students to practice basic theatre performance skills and etiquette at the same time.



Drama students practicing nonverbal acting skills.

*Morning Computers***Teacher: Erik Lenaburg**

Students in morning Computers explore Kodu with volunteer Mr. Nguyen.

Project Thinkers are learning a Microsoft Researched based program called Kodu. Kodu lets the students create games on the PC using a simple visual programming language. Project Thinkers are creating a 3-D Pac-Man style game where their character must eat apples before the computer-controlled character eats them first.

*Afternoon Computers***Teachers: Erik Leanburg****Interns: Jackie Kelly and****Jessica Wolf from Be a Maker Club**

Project Thinkers are learning a coding program called Scratch. With Scratch, they are programing their own interactive stories, games, and animations. Project Thinkers are also able to work with robots called Spheros. They program them to navigate through a maze, launch them off of ramps, and experiment with them in water.

*Afternoon Drama***Teacher: Danny Campbell****Assistant: Charis Tshihamba**

In afternoon drama this session students are working with Comedia Del'arte: Italian Renaissance physical comedy. Through daily lessons students will encounter the stock characters of Commedia and then create original stories to be performed in front of the camera. Commedia by nature is very physical, as such students are taking part in acting exercises and games to practice physical comedy like prat falls, stage combat, and gags. When all is finished each individual story will be filmed creating a masterpiece of several vignettes compiled for Project THINK families. The movie will be shown at Parent Night for family and friends to view.

Spanish

Teacher: Paloma Diaz

Through engaging activities the Project THINK Spanish students are learning the essential vocabulary, phonetics, and the elemental writing of the language. They are also learning about the roots of Hispanic/Latino cultures through narratives and creative art projects, as well as the essential vocabulary of some of their dialects, such as Mayan.

¡Vamos a aprender!

Swim

Pomona Summer Swim Program Staff

Teacher: Mary Hannon

Assistant: Lauren Lane

Pomona Summer Swim Program continues to provide swim instruction for Project THINK students at their skill levels. As temperatures rise, students enjoy this refreshing part of the day, followed with both outdoor and indoor activities. Relays and volleyball continue to be a top request during Fun and Fitness, followed with indoor games that include chess, cards and ocean bingo.



Students with the skill level of Dolphin, race across the deep waters to the instructors.