

Dive into Oceanography **YOUNG THINKERS** TK/K & 1st/2nd Grades

38 years in 2018

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**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.



Mrs. Rios, Young Thinker TK/K teacher, shows her enthusiasm!

MATH - TK/K

Teacher: Julissa Rios

This week in Mathematics, the TK/K students worked towards meeting kindergarten standards through concepts such as Operations in Algebraic Thinking, Counting & Cardinality and Number & Operation in Base Ten. Students were introduced to addition/subtraction, number recognition, counting and matching numeral sets. These mathematic concepts are taught through hands on learning and critical thinking skills, while also incorporating the Project THINK theme for the summer, OCEANography. Mrs. Rios look forward to teaching the Young Thinkers essential math concepts as they embark on their journey

LANGUAGE ARTS - TK/K

Teacher: Sarah Clifton

This week TK/K students explored the world of unusual fish. They memorized their sight words by covering each letter with shells and playing matching games. They unscramble sentences and add details in order to increase their organizational writing skills. Students also practice their letter sound recognition so that they can write their own sentences as they learn about fish. Next week they will write about the unusual fish they have been studying.

TECHNOLOGY - TK/K

Instructor: Danika Hochberger

For session two, the computer class will have the opportunity to learn robotics. Spheros are app-enabled robots that go beyond just code with collaborative STEAM activities, nurturing students' imaginations. Not only will the students have the opportunity to engage in robotics, they will also learn to work together to overcome obstacles.

TECHNOLOGY - 1st & 2nd Grades

Instructor: Aaron Elvis

In session two, each class will be learning the basics of using a computer that will culminate in students creating their own games or story to be shared with family members. Students will also learn the foundations of coding through a game that gets progressively more challenging. The students look forward to sharing technology projects with parents at Family Night.

MATH - 1st & 2nd Grades

Teacher: Madi Langely

During session two, 1st and 2nd graders are using a variety of methods to improve their quick mental addition skills, along with visually demonstrating and verbally expressing the answer. Using number lines, counters, and connector blocks, students are improving their addition skills and establishing a foundation for fact families. In the coming weeks, students will move on to basic geometry; which will involve understanding the identities and attributes of shapes. We will finish ProjectThink with introductions to working with time and money. Overall the 1st and 2nd grade students are manipulating materials to model mathematics and persevere in solving problems – all through the fun, exciting scope of oceanography!

LANGUAGE ARTS - 1st & 2nd Grades**Teacher: Rachel Kavalle****Assistant: Anjali Kansara**

This week in language arts/social studies the first and second grade students continued to dive into oceanography. The students in the yellow, teal, and purple walrus groups focused on learning about a variety of amazing ocean animals. This week the students learned about the octopus. They also read articles, where they identified key facts about dolphins and created a bubble map to help them remember these key facts. They will be learning about additional ocean animals in the coming weeks and creating a flip book to display all their amazing learning for Family Night! The students in the blue and green walrus groups are focused on learning about the different ocean zones. Week 1 they focused on learning about the twilight zone. They created a tree map, and will complete writing about the twilight zone.



Assistant, Anjali Kansara, working with the Young Thinkers.

ART - 1st & 2nd Grades**Instructor: Susan Rogers****Assistant: Sarah Carichner**

The Young Thinkers, (also known as Young Sea Explorers) started out the week by reading the book *Kermit the Hermit* by Bill Peat and *Rainbow Fish* by Marcus Pfister. They are learning about Coral Reefs and the animals that live in them. For the first week they have been working on color theory by learning about primary and secondary colors. Students created marbled paintings noting texture, size and shape. Using their marble painting, they will collaborate with their fellow sea explorers and create another painting from it. During the next two weeks the Young Thinkers will continue to explore Coral Reefs by creating their own coral reef, fish prints, and an accordion book.



Outside art classroom Young Thinkers exploring texture, size and shapes of shells.

ART - TK/K**Instructor: Drew Dorst****Assistant: Sarah Carichner**

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them. For the first week they have been working on color by learning about the primary and secondary colors. They created bubble paintings noting texture, size, and shape. They have been working on their fine motor skills in cutting out shapes from their paintings to make another collaborative painting with their fellow sea explorers. During the next two weeks they will continue to explore Coral Reefs by creating their own coral reef, fish prints, and an accordion book.

SCIENCE - TK/K

Instructor: Joanna Santa Cruz

It has been such a great week getting to know all of the smart Young Thinkers. They started off the first week by covering and exploring Tide Pools. Next, they discussed the difference between a high tide and a low tide in an in-depth water experiment. Over the next few weeks, they will cover topics such as sharks (shark week is Week 2!), pollution, and ways to conserve the ocean.

SCIENCE - 1st & 2nd Grade

Teacher: Deanna Deboer

Students will continue exploring the layers of the ocean by learning about the ocean creatures that live at each layer.

AFTERNOON Visual and Performing Arts

Art Instructor & V&P Arts Lead – Susan Rogers

The Young Thinkers are divided into four groups: Sea Urchins, Sharks, Dolphins and Octopus. They rotate throughout the afternoon to four different teachers exploring various artistic mediums. At the end of the day the Sea Explorers work on their performance of "Somewhere Over The Ocean".

Music and Movement Teacher – Laura Miller

Drama Teacher – Sarah Lown

Creative Writing and Poetry – Erin Baeskens



Young Thinkers during an afternoon Visual and Performing Arts rotation pretend to be starfish.

AFTERNOON Swim

Pomona Summer Swim Program Staff

Teachers: Madi Langley and Joanna Santacruz

Assistants: Elaina Thurman and Ashtian Martinez-Baltazar

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 activity. Relays and continue to be a top request during Fun and Fitness, followed with indoor games to include chess, cards, and ocean bingo.