## THIRD GRADE

**FIELD TRIP 1: “Live the Past” | 9/12/22 – 1/13/23**

Allows students to “live the past” as they learn about the people that inhabited the lagoon and surrounding area throughout history. Four rotations include an “infused language lesson” of common words used in the Luiseno language. In addition to their small groups, students have a whole-group “edu-tainer”, a local Native American storyteller.

- *Interested in Kumeyaay unit, please let us know
- Core Standards Covered: 3.1.2, 3.2.1, 3.2.2, 3.2.4, 3.3.1, 3.3.2, 3.3.3 & 3.5.1
- Traditional Foods
- Weaving
- Rock Art
- Branding at the Rancho & The Vaqueros Tooling
- Purpose of Plants

## FOURTH GRADE

**FIELD TRIP 1: “Colonization” | 9/12/22 – 1/13/23**

Through interactive games and lessons, students experience the hardships and trials settlers went through during the colonization of California in the 1800’s. They are guided through the different travel options across America, learn how to make maps from natural surroundings, and are taught about life aboard a ship.

- Core standards covered: 4.1.3, 4.1.5, 4.3.3, 4.3.4
  - Gold Rush Game
  - Habitat Happenings
  - Map Making
  - The Life of Bridget Mason
  - All Aboard

**FIELD TRIP 2: “Adaptations” | 1/16/23 – 4/14/23**

This segment equips students with facts about California’s native plant and animal species and their adaptations needed to survive. They learn and experience firsthand the various external structures of native plants that support their function and survival and how different species use their five senses.

- Next Generation Science Standards Covered 4-LS1-1 & 4-LS1-2
  - A Balancing Act
  - Five Senses
  - Seed Dispersal
  - Decomposer Scavenger
  - Plant Biology


Students learn about the origins of California in the form of earth sciences, with emphasis on the rock cycle and natural resources in this area. Topics include earthquakes, erosion, natural resource depletion, and tectonic plates. Students are also given the opportunity to design a building that can withstand an earthquake.

- Core standards covered: 4-ESS1-1, 4-ESS2-1, 4-ESS2-2, 4-ESS3-1, 4-ESS3-2, 3-5-ETS1-2
  - All About Fossils
  - Erosion Corrosion
  - Resources from Earth
  - All Shook Up
  - Tectonic Traits

## SECOND GRADE

**FIELD TRIP 1: “Colonization” | 9/12/22 – 1/13/23**

Through the use of interactive lessons and hands-on activities, our second grade field trip provides students with an observable understanding of Earth’s different systems and their functions within our ecosystem. The time of this program runs from 9:30am-12:45pm with a lunch time included.

- Core standards covered: 2-LS2-2, 2-LS4-1, 2-ESS1-1, 2-ESS2-1, 2-ESS2-2, 2-ESS3
  - Incredible Water Journey
  - Pollinator Perspective
  - Water, Water Everywhere
  - Pollination Pour

**FIELD TRIP 2: “Experience Today” | 1/16/23 – 4/14/23**

This segment gives students the opportunity to “experience today” by guiding them through the flora and fauna that inhabit the Agua Hedionda Lagoon and beyond. Students learn about adaptations, heredity, evolution and diversity, and gain knowledge of the habitat and experience the ecosystem first hand. In addition to the rotations, students receive a presentation by an “edu-tainer” from the Raptor Institute which features live local raptors native to San Diego.

- Next Generation Science Standards Covered: 3-LS1-1, 3-LS3-2 & 3-LS4-2
  - Bird Beak Design
  - The Great Migration Challenge
  - Animal Interactions
  - Native Plant Hike with Field Journaling
  - The Times, they are a-Changin’


Students prepare to “honor the future” by highlighting to them their next generation. Students will learn the parts and purpose of a flower and how pollen disperses.

- Core standards covered: 3.1.2, 3.2.1, 3.2.2, 3.2.4, 3.3.1, 3.3.2, 3.3.3 & 3.5.1
  - Native Plant Hike with Field Journaling
  - Purpose of Plants
  - All Aboard
  - Decomposer Scavenger
  - Plant Biology

## PRE-K & KINDERGARTEN

*Our pre-k and kindergarten field trips are comprised of a 90 minute educational program at the Discovery Center, which includes two hands-on and interactive lessons of your choice. Times can be arranged to meet the needs of the school but a typical program runs from 10 - 11:30 a.m., with the option of eating lunch or snack on our back patio. Rotation options include:*

- Animal Interactions – Using our Discovery Center critters, students interact with the animals and learn about their adaptations, habitats and life cycles.
- Nature Hike w/Field Journaling – This hike takes students down our ¼ mile Discovery Center Trail where they learn about the native flora and fauna of the lagoon.
- Pollinator Perspective – Learn about the different types of pollinators around the Agua Hedionda Lagoon, and their importance in the ecosystem.
- Who Polluted the Lagoon - Shows students how quickly the lagoon becomes polluted by human impact and how we can prevent pollution.
- Water, Water Everywhere - This rotation is about the path water can take to circulate from one point or state to another. Students “become” water molecules as they journey through the water cycle.
- The Times, they are a-Changin’ - This rotation is about the path water can take to circulate from one point or state to another. Students “become” water molecules as they journey through the water cycle.

- Add a take-home craft for $1 per child.

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- $5 per student if 10 or more ($8 if less than 10).
- 6 student minimum.
- Teachers and parents are free.
- No siblings, please.
Environmental Stewardship School Programs
The Agua Hedionda Lagoon Foundation’s Environmental Stewardship Program is an innovative and cooperative program between north county schools and the Agua Hedionda Lagoon Foundation (AHLF). Its mission is to awaken in our children the need to appreciate and care for the natural environment.

The program provides hands-on classes that stress responsible interaction with our natural surroundings and creates awareness of the environmental impact of day-to-day human activities. Students break into small groups and rotate through stations taught by educators who engage students with interactive activities that bring the lessons to life.

AHLF offers three field trips within the program that are aligned with Common Core, History/Social Science, Next Generation Science Standards and STEAM Curriculum. Climate Science curriculum is being implemented. Check back soon for new features! NGSS implementation occurring at an ongoing basis.

What The Teachers Have To Say
“Students were engaged the whole time. Pre-curriculum prepared my students for the field trip. The movement during and between activities was great.”
- Ms. Smitzler, Third Grade Teacher, Santa Fe Christian School

“The hands-on activities which emphasize the concepts being taught were so valuable. The instructors and lessons were phenomenal.”
- Olga Alvarez, 3rd Grade Teacher, South Oceanside Elementary, Oceanside Union School District

“All rotations were very valuable, kids learned a lot and enjoyed each rotation!”
- Rae Merrit, 3rd Grade Teacher, Jefferson Elementary, Carlsbad Unified School District

“Nature hike was awesome and all teachers were great. The rotations tied to our standards. Awesome experience learning outside, active and entertaining!”
- Karen Harris, 3rd Grade Teacher, Torrey Hill Elementary School, Del Mar Union School District

Reserve Your Trip Today!
Reservations and Booking:
Emily Bonds, Director of Education
Office: (760) 804-1969
Email: Emily@aguahedionda.org

Agua Hedionda Lagoon Foundation
1580 Cannon Road • Carlsbad, CA 92008

FIELD TRIP FEES, SCHEDULE & CANCELLATION POLICY
► The field trip fee is $17 per student. Book all three field trips and save: 3 trips for $42 (per student).
** If you are interested in AHLF transportation cost please email emily@aguahedionda.org

Limited grant money available, date restrictions may apply. Teachers and parent volunteers are free. Parking is free. All fees are to be paid two weeks prior to your field trip.

► Third and Fourth grade programs run from 9:30 a.m. – 1:15 p.m.

• If you need to cancel your program for any reason, please email Emily Bonds, Director of Education, at Emily@aguahedionda.org or call (760) 804-1969 and speak with Emily.

• If cancellations occur at least two weeks before the program, no fees apply. We cannot refund a student if not given two weeks prior notice in writing.

• If cancellations occur within two weeks before the date of the program, 50% of the entire trip scheduled will be charged.

• Our program runs rain or shine!