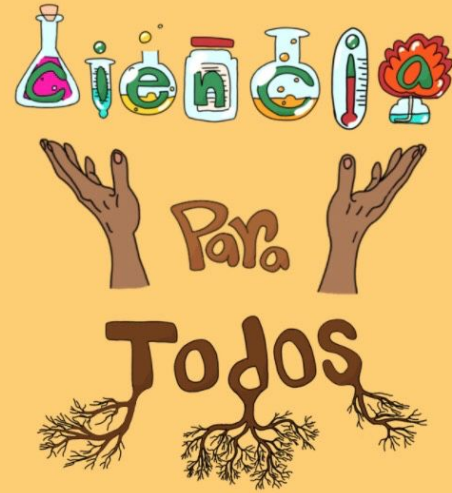


Ciencia Para Todos



Our Story



Due to the lack of diversity in most of our classes in STEM. We felt excluded and like outcasts in our classrooms, so we decided to come together and create a safe space for spanish speaking students in STEM majors. We now work together to teach about environmental education in order to inspire the future spanish speaking generation of our communities. To dream big and realize that they are capable of also being STEM professionals in the future.



As students, we come together to bring awareness to the way science is being taught in our communities. The lack of representation in Science has created an absence of opportunities, especially for those with diverse perspectives and knowledge in other languages. We hope to represent bilingual students within the scientific fields in higher education; as we collaborate with the future generations in our community.

Mission Statement / Purpose



*We are not exclusively working with POC youth. We work with all youth because we want all youth to be inspired, but our focus is the youth in spanish speaking communities.

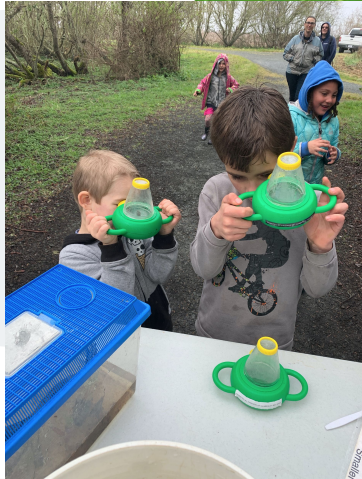


What do we do?

- Create interactive science programs
- Focuses on community/culture
- Bring bilingual intellect into the western taught classes
- Train future educators

Example of Programs / What We Do

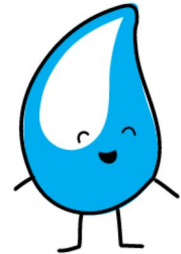
Ciencia Para Todos educates the local youth, of all grade levels, in Arcata, California. Specifically the curriculum is taught in Spanish to provide comfort to children whose first language Spanish.



El increíble viaje del agua



- In this program students played a game to learn...
- Interconnected process of the water cycle
- The 3 states of water through dance



Las Abejas Trabajadoras

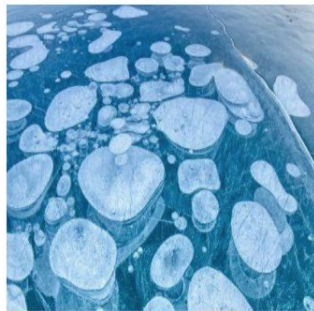


**YOU WILL
BEE
AMAZED.**

- Students go around the room pollinating flowers as bees using pipettes and cotton balls
- Learn about pollination/how honey is made

El Agua en Nuestro Mundo: El cambio climático

- El calentamiento global está causando que los glaciares en el polo norte y el polo sur se están derritiendo.
 - Esto significa que los niveles están subiendo gradualmente
 - Pronto, muchas áreas que hoy son ciudades gigantes, van a ser playas.
- Cuando los glaciares se derriten sale metano, un gas con efecto invernadero, entra a la atmósfera.
 - El metano es similar al dióxido de carbono que sale de nuestros autos, pero tiene un efecto invernadero mucho más serio por cada unidad cúbica del componente.



El Agua en Nuestro Mundo: El higiene y la salud

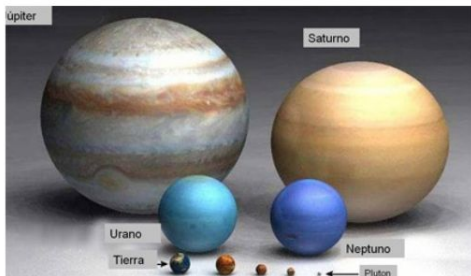
- El agua es un recurso natural imprescindible para la buena salud y el higiene. Usamos el agua para lavarnos y en nuestros sistemas para eliminar nuestros excrementos (entre otras cosas).
- Agua limpia es necesario para que seres vivos puedan sobrevivir.
 - Agua contaminada puede causar muchas enfermedades y hasta la muerte de seres vivos.
 - cólera, otras diarreas, la disentería, la hepatitis A, la fiebre tifoidea y la poliomielitis son ejemplos
- Aproximadamente 842 mil personas mueren cada año a causa de diarrea; ejemplo de la insalubridad del agua, de una mala higiene o de un saneamiento insuficiente.



Agua De Hoy Dia

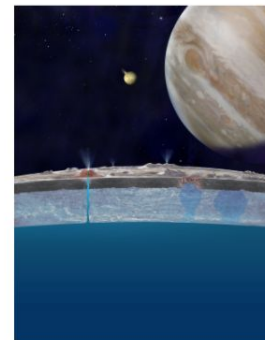
El Agua en Nuestro Sistema Solar

- Solamente hay un planeta en nuestro sistema solar con agua: el planeta Tierra.
- Hay cuatro planetas gaseosos gigantes en nuestro sistema solar. En orden del más cerca, al más lejos del sol es Júpiter, Saturno, Urano y Neptuno.



Jupiter...

- en particular es el planeta más grande de nuestro sistema solar.
- es mil trescientas veces más grande que el planeta Tierra.
- tiene sesenta satélites en total, pero cuatro de ellos son satélites helados.



Friends of the Dunes/Fish and Wildlife Service/Latino Outdoors

We have attended weekend community events where we aimed to show how diverse and abundant wildlife exists in the soil/mud in our local wetland.

Using many different magnifying tools, we were able to see leeches, mosquito larva, and many more tiny organisms living in this area.



Presented at.....

Fuente Nueva Elementary
Humboldt State University
More to come!



At end of programs

Tell the Hummingbird story in order to give students hope in whatever they choose to do with their lives

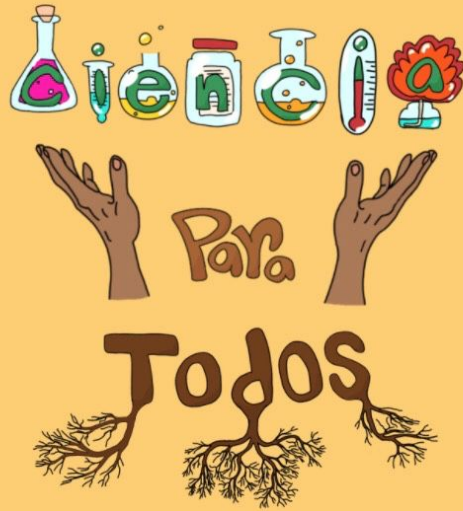




Future Plans

- Connect with other organizations
- Spread our program, and continue inspiring our youth!
- Create website with programs/videos we have created





Information

Help us grow by following us on
Instagram: [cienciaparatodos_hsu](#)
or

email us with any questions at
hsu.cienciapt@gmail.com

Gracias! :)