

TEXAS A&M
AGRILIFE
EXTENSION


Sea Grant
TEXAS
AT TEXAS A&M UNIVERSITY

BUILDING RESILIENCE THROUGH VOLUNTEER ACTION

by Brandi Keller

County Extension Agent - Coastal & Marine Resources

Galveston County

2025



TEXAS A&M
AGRILIFE
EXTENSION


Sea Grant
TEXAS
AT TEXAS A&M UNIVERSITY

Mission:

Improving lives with innovative solutions at the intersection of agriculture, natural resources, youth and health through education and service. And improve understanding, wise use and stewardship of Texas coastal and marine resources.



TEXAS A&M
AGRILIFE
EXTENSION

Sea Grant
TEXAS
AT TEXAS A&M UNIVERSITY

TEXAS
PARKS &
WILDLIFE

TEXAS
Master
Naturalist
GALVESTON BAY AREA

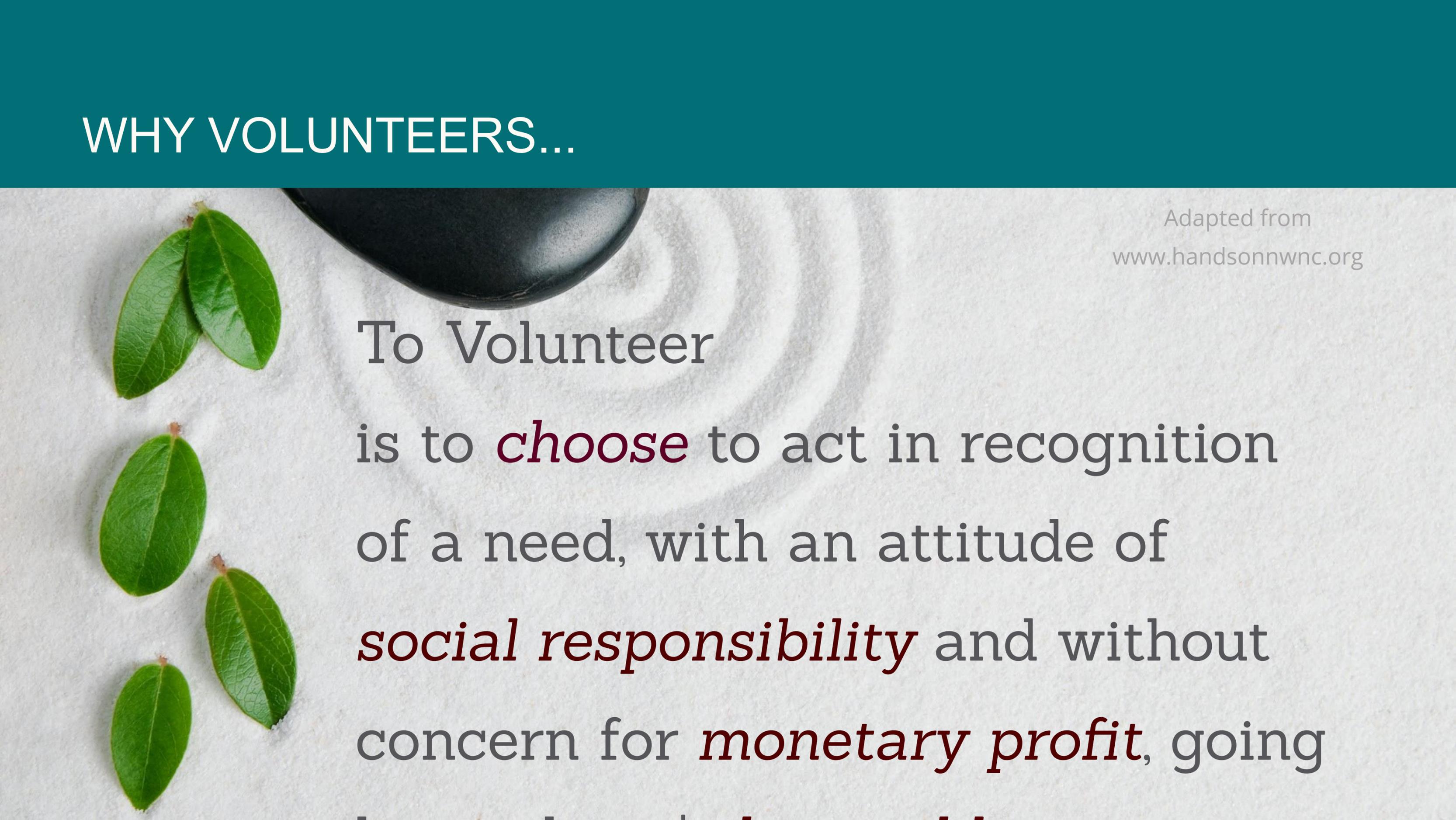
TEXAS MASTER NATURALISTS

Mission:

To develop a corps of well-informed volunteers to provide education, outreach, and service dedicated to the beneficial management of natural resources and natural areas

WHY VOLUNTEERS...

Adapted from
www.handsonnwn.org

A black stone is partially visible at the top center, resting on a white, textured surface of sand. Several green leaves are scattered on the left side of the frame. The text is overlaid on the right side of the image.

To Volunteer
is to *choose* to act in recognition
of a need, with an attitude of
social responsibility and without
concern for *monetary profit*, going

WHY VOLUNTEERS...



Learn new skills

Hands-on experience

Sense of community

Friendship

Mental health

Cross-cultural connections

Health, nutrition, exercise

Improve employability

Passion

Friendship

Enjoy teaching youth

Sense of purpose

Love of nature

Mobilizing People

- Hands-on Implementation
- Citizen Science
- Community Engagement



Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience
- Education & Outreach
- Citizen Science & Monitoring



Implementation

- Ecosystem Restoration 2023 ~ 2025

2023-2025
10,031 service hours
70 acres planted



Implementation

- Ecosystem Restoration 2023 ~ 2025



2023-2025
10,031 service hours
70 acres planted
61k plants grown

Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience

Living shorelines
Oyster reefs
Beach Cleanups
Monofilament



400 lbs
of trash

Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience

Living shorelines
Oyster reefs
Beach Cleanups
Monofilament

20 lbs
of line
recycled





Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience
- Education & Outreach



**Beach Heroes
Camp Wild
Active Training**

Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience
- Education & Outreach

**Beach Heroes
Camp Wild**

Active Training



Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience
- Education & Outreach

**Beach Heroes
Camp Wild
Active Training**



Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience
- Education & Outreach

**Beach Heroes
Camp Wild
Active Training**



Galveston Bay Foundation

August 28 · 🌐



Do you ever wonder how we protect Galveston Bay? 💧 For #WaterQualityMonth, we're taking you behind the scenes with our incredible Water Quality Monitoring volunteers! 🙌... See more



Implementation

- Ecosystem Restoration
- Coastal & Marine Resilience
- Education & Outreach
- Citizen Science & Monitoring





*Shell-ebrate
Volunteers!*



Brandi Keller

Coastal & Marine Resources - CEA
Texas A&M AgriLife Extension
Galveston County

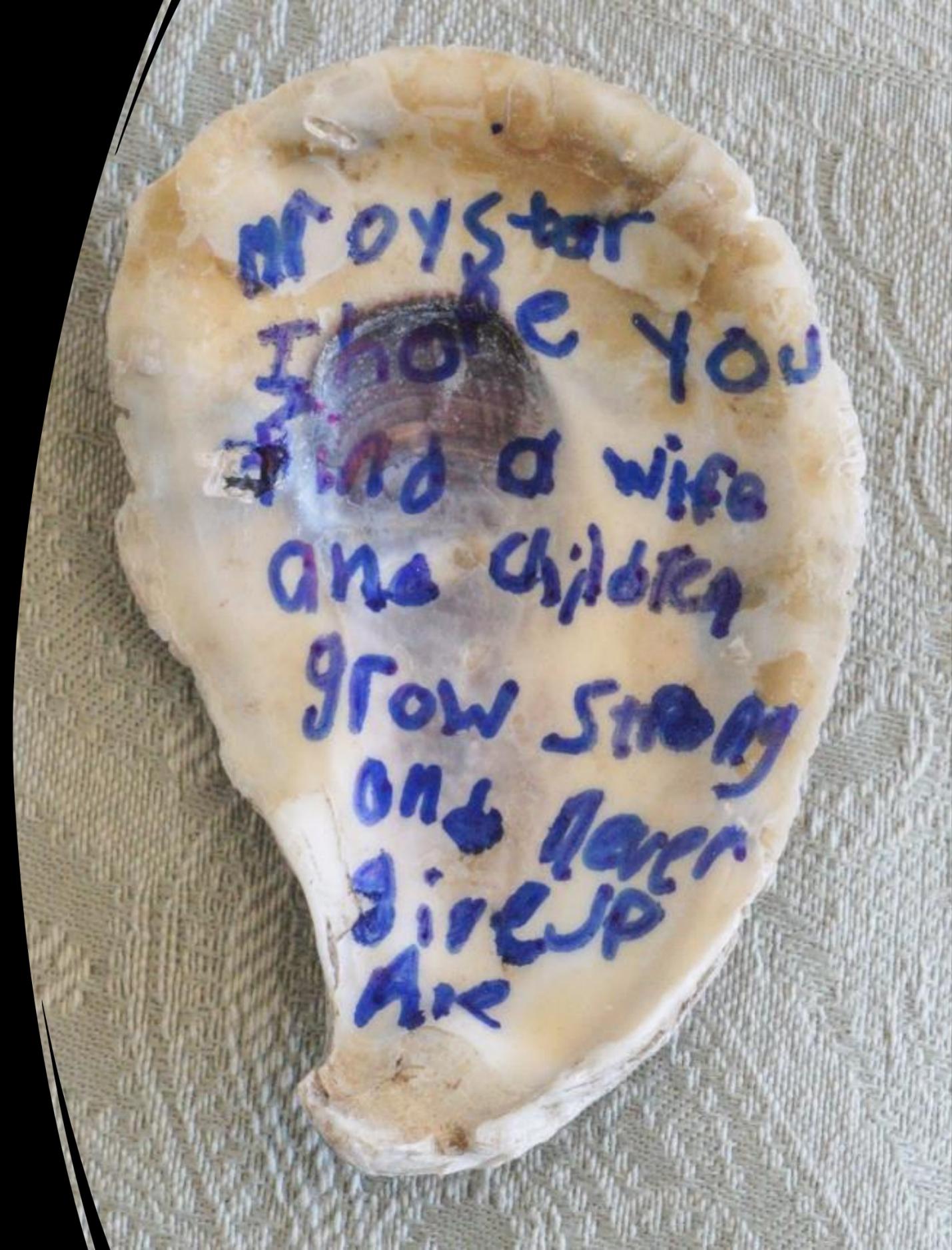
BRANDI.KELLER@AG.TAMU.EDU

TEXASSEAGRANT.ORG

TEXAS A&M
AGRILIFE
EXTENSION


Sea Grant
TEXAS
AT TEXAS A&M UNIVERSITY

Oyster Gardening





WHY



The Saga of Fred & Ethel



Attempting to Solve Problem



GALVESTON BAY
FOUNDATION

How Can You
Help?



<https://galvbay.org/work/habitat-restoration/>



Oyster Gardening – Tiki Style

What We Do

ENGAGE THE COMMUNITY

USE SOCIAL MEDIA

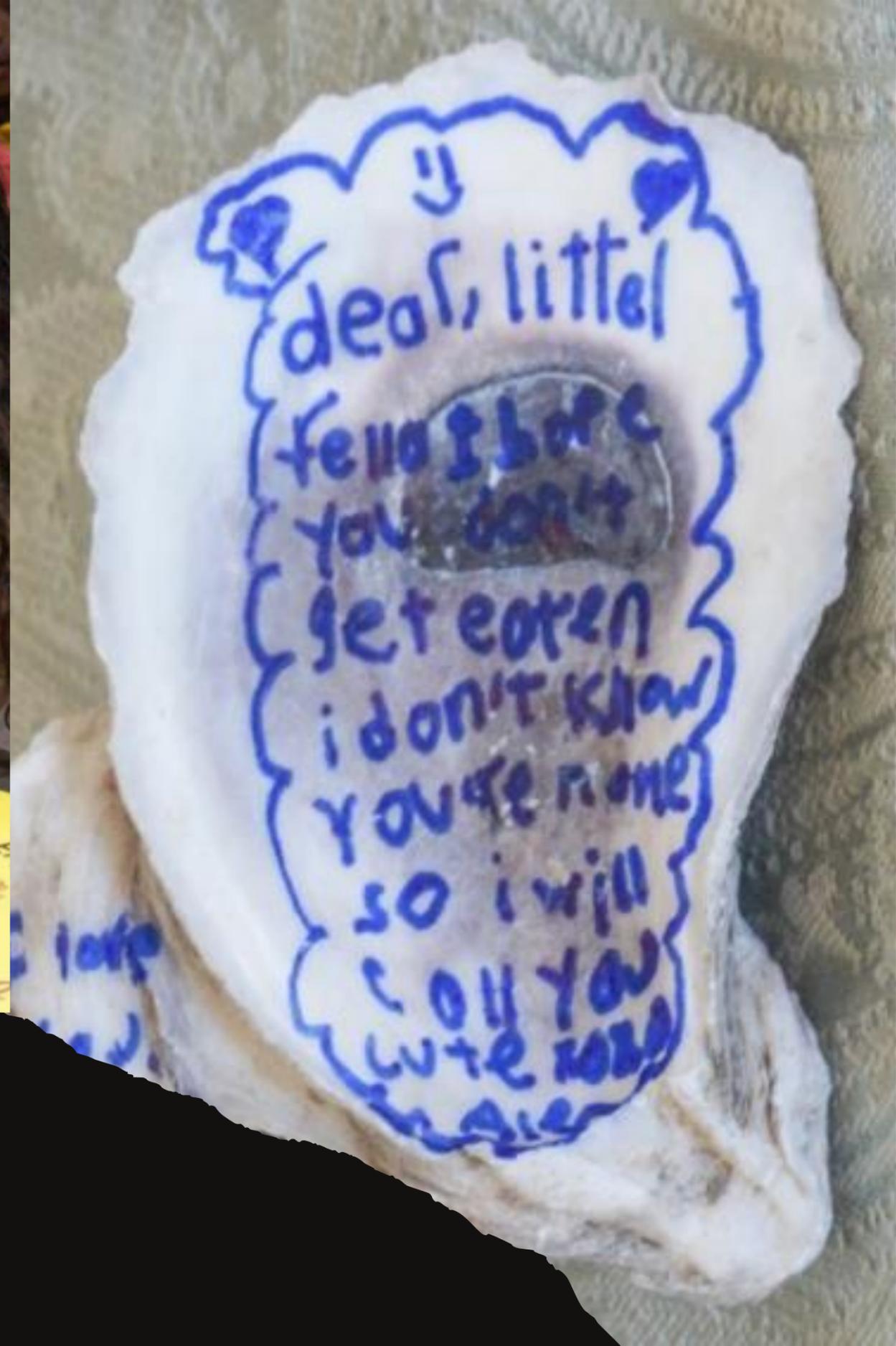
OUTREACH

MAKE IT FUN





**Community
Teamwork**



How Can We Help?





We Wash – We Weed – We Find Spat





Identify

Our Spat Inspectors



Garden Grows



SPAT IS
WHERE
IT'S AT!

