



# NOVEMBER 2024

## STEM Newsletter

**Let's Celebrate our  
UWCK grant  
recipients!**



### Up and Coming - Community Partners

**Everglades Literacy** - Virtual Classroom Presentation Opportunity!  
Grades 3-5: November 21st - Courageous Careers in the Everglades

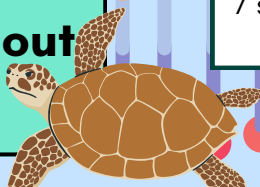
### Reef Relief Annual Meeting

Wednesday, December 4th 5:00 - 9:00 pm.  
Featuring Dr. Brian Lapointe (researcher and professor) and Ian Wilson-Navarro (visual story-teller)

### Reef Relief - Virtual Lesson Opportunity

Biology and Conservation of Seabirds  
December 10th 10:30 am  
December 19th 10:30 am  
Links embedded in title

**Check out the Turtle  
Trunks for your  
classroom or media  
center. Sign one out  
here**



## MARINE SCIENCE EDUCATION GRANTS 2024-2025

*16 schools and organizations will receive a total of \$35,264, benefiting approximately 6,465 students with hands-on learning experiences focused on marine science and conservation.*

- |                                  |                                |                                  |
|----------------------------------|--------------------------------|----------------------------------|
| • Basilica School                | • Key West Preschool Co-op     | • REEF                           |
| • CFK Academy                    | • MarineLab                    | • Reef Relief                    |
| • Coral Shores High School       | • Mote Marine Lab              | • Reef Renewal                   |
| • Diving Museum                  | • Ocean Studies Charter School | • Seacamp                        |
| • Gerald Adams Elementary School | • Poinciana Elementary         | • Sigsbee Charter School (K-8th) |
|                                  |                                | • Sugarloaf School               |

### Ocean Guardian School District

MCSD is partnering with NOAA, United Way of Collier and the Keys, the National Marine Sanctuaries, Key West Botanical Gardens, John Pennekamp State Park, and Rooted Key West to become the second Ocean Guardian School District in the country, and the first on the East Coast!

**Coming Soon : Rainwater filtration gardens at KWHS, POI, and SLS!**

**Want a garden at your school? Email [donna.tedesco@keysschools.com](mailto:donna.tedesco@keysschools.com)**

### Reef Relief



SSE 2nd and 3rd grade students learning about 7 sea turtles on Earth. Thank you Reef Relief!

# STEM Fair

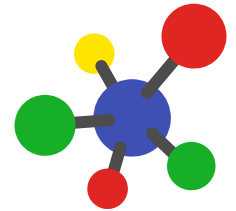
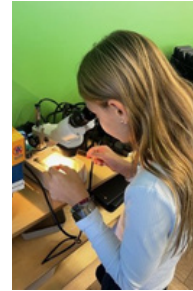
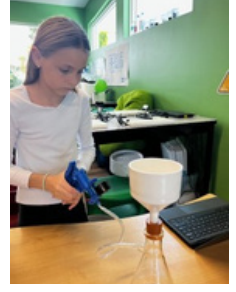
## Reminder

### STEM Fair dates coming up!

HOB - 12/5	5:30pm - 7:00pm
GAE - 12/5	5:30pm - 7:00pm
KWHS - 12/9	During school hours
SSE - 12/10	10:30am - 12:30pm
CSHS - 12/16	During school hours
POI - 12/11	5:30pm - 7:00 pm
MMHS - 12/9	During school hours
OSCS - 12/17	5:30pm

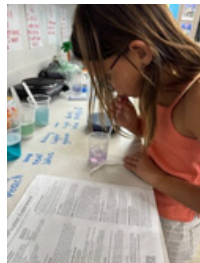
## Students working hard on their STEM fair projects

### Ocean Studies Charter School



## Students working hard on their STEM fair projects

### Gerald Adams Elementary



## CLASSROOM MATERIALS & TECHNOLOGY ADOPTION

### Science Textbook and Resources Adoption

**Monroe County School District (MCSD) invites parents to join the Science or Financial Literacy Curriculum and Technology Adoption Team. The deadline to apply is Friday, December 13th, 2024, at 11:59 p.m.**

Looking for parents to join the adoption committee. If you're interested, please email Sarah Adams at [sarah.adams@keysschools.com](mailto:sarah.adams@keysschools.com) for more information.



# What's Going on In MCSD STEM?

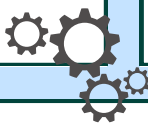
## Tara Jackson's Human Body Systems Sheep Brain Dissection



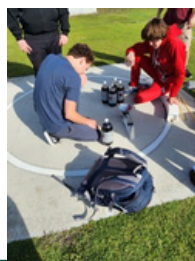
Key  
West  
High  
School



Thank you to the  
Education  
Foundation for  
making this  
possible!



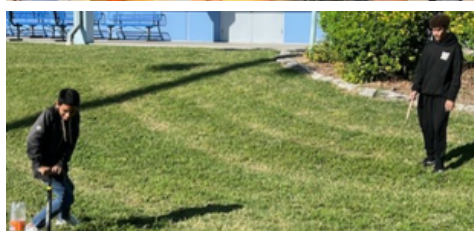
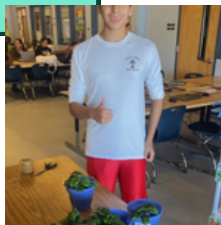
## Melissa Nelson's AP Physics Fun - Forces



Key  
West  
High  
School



## Rob Driscoll's STEM and Engineering classes



MARATHON  
MIDDLE HIGH  
SCHOOL



RUBE GOLDBERG  
MACHINES

PLANTING CHILI  
PEPPERS

BOTTLE ROCKETS!

## Bobbi Burson's student's pendulum motion and CPR certification



Treasure Village

## Jordan Ballester's students - Tower Challenge



Plantation  
Key School



## Contact

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