



Keep

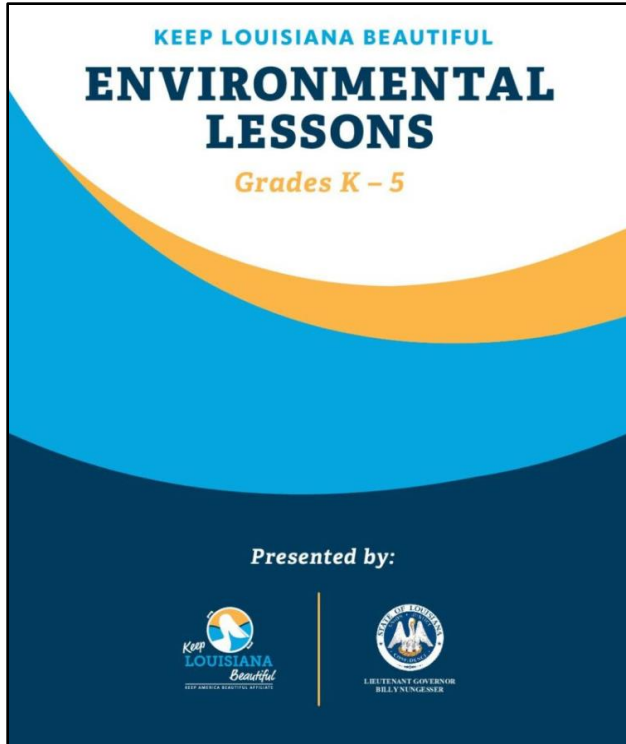
LOUISIANA

Beautiful

KEEP AMERICA BEAUTIFUL AFFILIATE



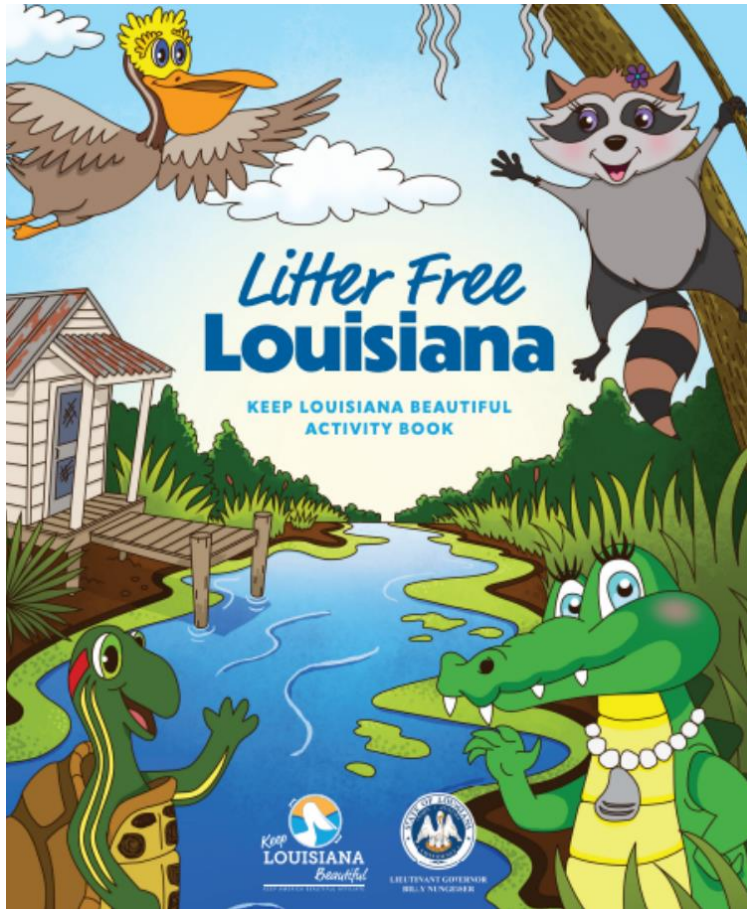
New Environmental Lessons Educating Louisiana's Youth



- This manual includes **10 lesson plans** that align with the student standards targeting grades K-5.
- The lessons cover the topics of litter prevention, school litter mapping, recycling, reducing, reusing, microplastics, nonpoint source pollution, and watersheds.
- We encourage K-5 classroom teachers to use these new lessons, but they are also a wonderful resource for scout leaders, non-profit organizations, parents, youth leaders, and others who work with children.
- The fun, hands-on activities that follow each lesson are simple to implement and allow children to engage, explore, and dig deeper into the presented topics.
- **3,277 manuals have been distributed.** Copies were mailed to all K-5 schools.

All educational materials are available for free!
Visit keeplouisianabeautiful.org to download or place an order.

Litter Free Louisiana Activity Book Educating Louisiana's Youth



- KLB has created a fun, engaging 12-page activity book for youth. Children will learn about environmental stewardship, litter, and recycling. Included are activities that encourage reflection, problem-solving, and creativity.
- The activity book includes activities on the 5 Rs of Waste, types of litter, how long litter lasts, and good litter clean up and prevention habits. There is also a bird feeder activity using a used milk jug and a youth ambassador pledge.
- **Over 5,000 activity books have been distributed.** Each K-5 school has received copies, and we have made the book available to download or order for free on the KLB website.

All educational materials are available for free!
Visit keeploouisianabeautiful.org to download or place an order.

Office of Motor Vehicles Educating Motorists

- Litter prevention banners in Louisiana OMVs
- Driving academy students receive 6 minutes of litter education from KLB to prepare them for the driving test
- A new litter prevention video for students shown at driving academies
- Three litter prevention questions on the State's driving test and litter copy in the State's official driver's handbook





Thank you! Get in touch:

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CONSIDER LITTER

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Pontchartrain
Conservancy

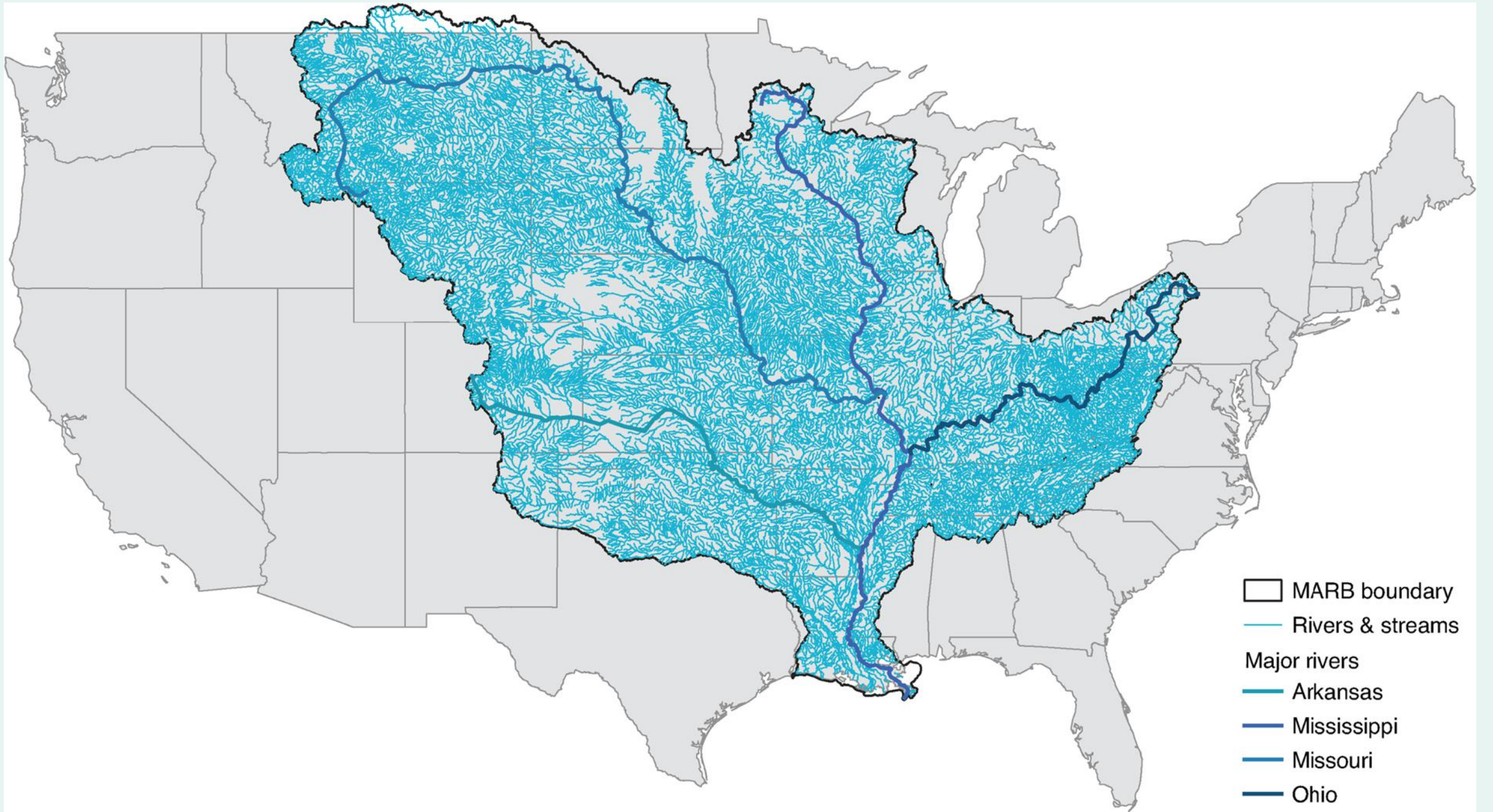


**Sea Grant**
LOUISIANA

data-driven & community- centered approach

- Answers a need for land-based litter initiatives
- Provides detailed data on collected debris
- Facilitates locally-driven marine debris assessments, removals, and prevention projects in Louisiana

TO MARINE DEBRIS PREVENTION & MITIGATION



THE PROJECT

Implementing monthly clean-ups on school campuses and adjacent areas

- Student driven litter clean ups on site
- Data collection & analysis on litter

Builds environmental literacy and stewardship through research-based litter collection.

EXAMPLE

Environmental Science: lead litter clean up
Math: lead litter data collection & analysis
Civics: lead action project at end of year

Two-fold outcome:

- 1) Understanding of land-based litter
- 2) Stewardship of their school campus



The Approach

THE AUDIENCE

4th - 12th grade students

Teachers in the sciences, math, social studies, and all others!

THE STEPS

1. Teacher professional development day
2. Monthly clean ups and data collection
3. Teachers enter data into online platform
4. Students and teachers create action plan for their school



STUDENTS SORTING

METHODS

Schools use the EPA Escaped Trash Assessment Protocol (ETAP) for clean ups and assessment

- Site selection and boundary determination
- Site characterization and cleanup
- Data entry and analysis

Consider Litter team creates and provides clean-up kits to each school

Consider Litter team works with schools to set up:

1. Building class participation schedules
2. Integration of the activities into their existing curriculum
3. Use of online tools for data analysis and action projects

U.S. EPA Escaped Trash Assessment Protocol (ETAP)

Reference Manual

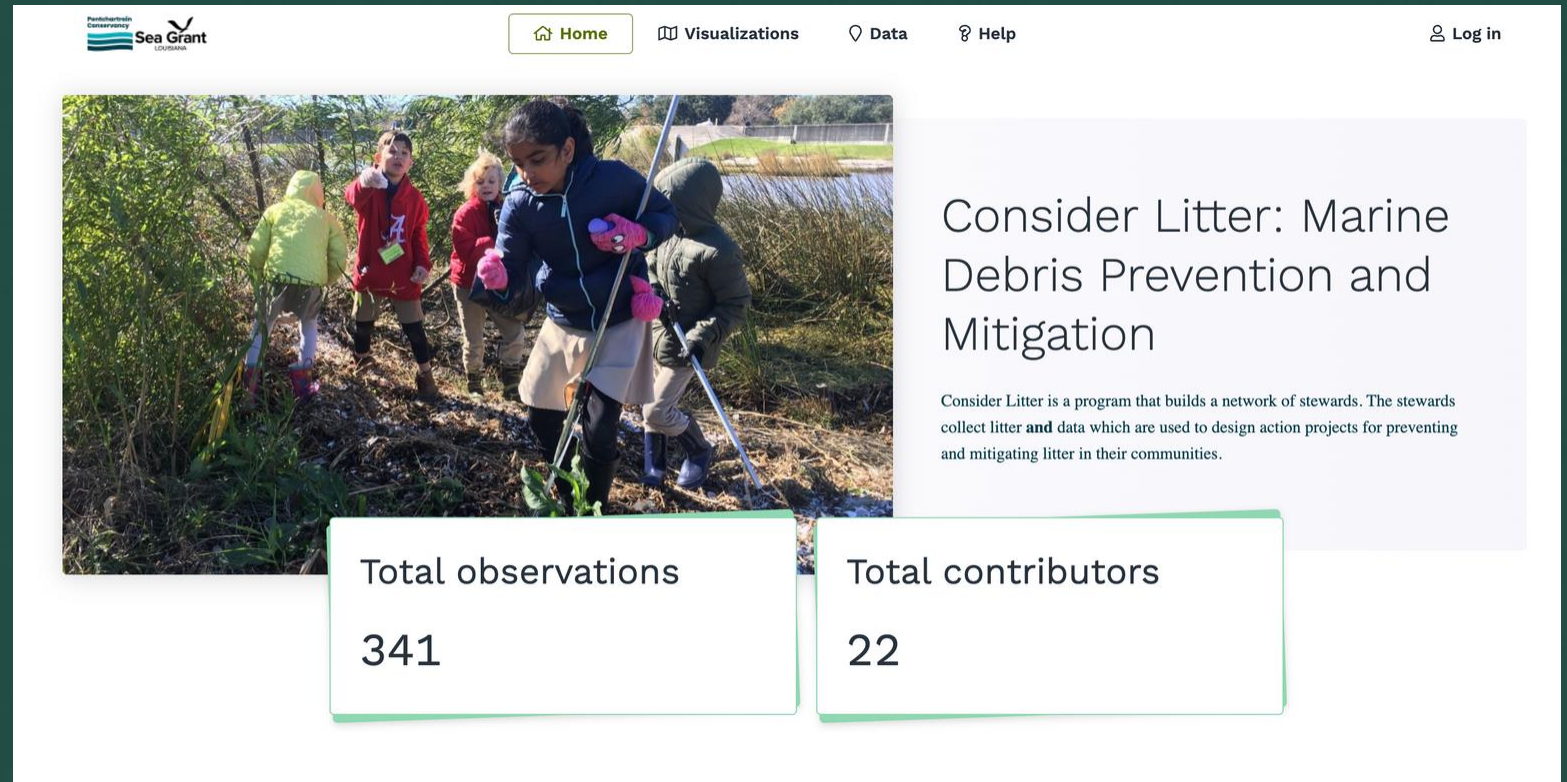


FIELDSCOPE

Interactive mapping platform where students, teachers, and community members can view, analyze and understand litter in their community.

Provides an easy, manageable approach to data collection and storage for teachers.

Our project:
considerlitter.fieldscope.org



The screenshot shows the website's header with the logo for the Southeastern Seagrass Consortium and Sea Grant Louisiana. Navigation links include Home, Visualizations, Data, and Help, along with a Log in button. A central image shows a group of children participating in a field activity. To the right, a text box titled "Consider Litter: Marine Debris Prevention and Mitigation" describes the program. Below the image, two data boxes are displayed: "Total observations 341" and "Total contributors 22".

Home Visualizations Data Help Log in

Consider Litter: Marine Debris Prevention and Mitigation

Consider Litter is a program that builds a network of stewards. The stewards collect litter and data which are used to design action projects for preventing and mitigating litter in their communities.

Total observations	Total contributors
341	22

← Observation

Station *

- Your previous stations
- All stations

Select a station

You can add a new station or select a different station on the map below. [Add](#)



Observation details

Observation date *

Select date

Litter Observations

Choose Item Group & Type *

Select one

Item Conditions: How many items are intact/un-fouled? *

Item Conditions: How many items are degraded/heavily fouled? *

Weight *

 lbs

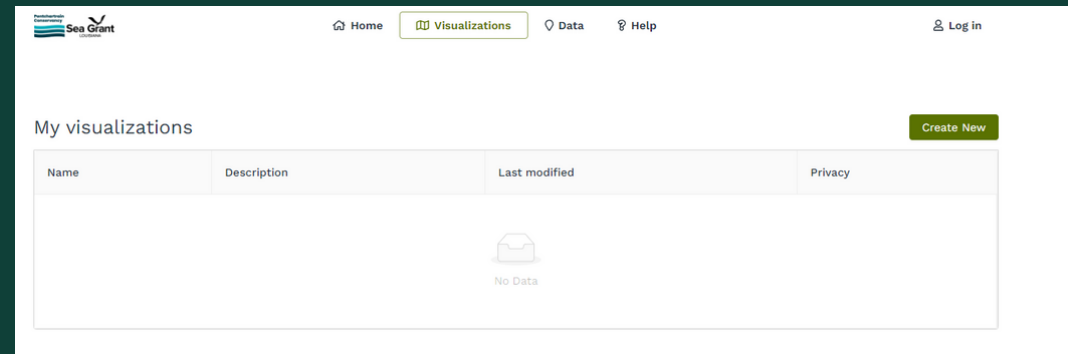
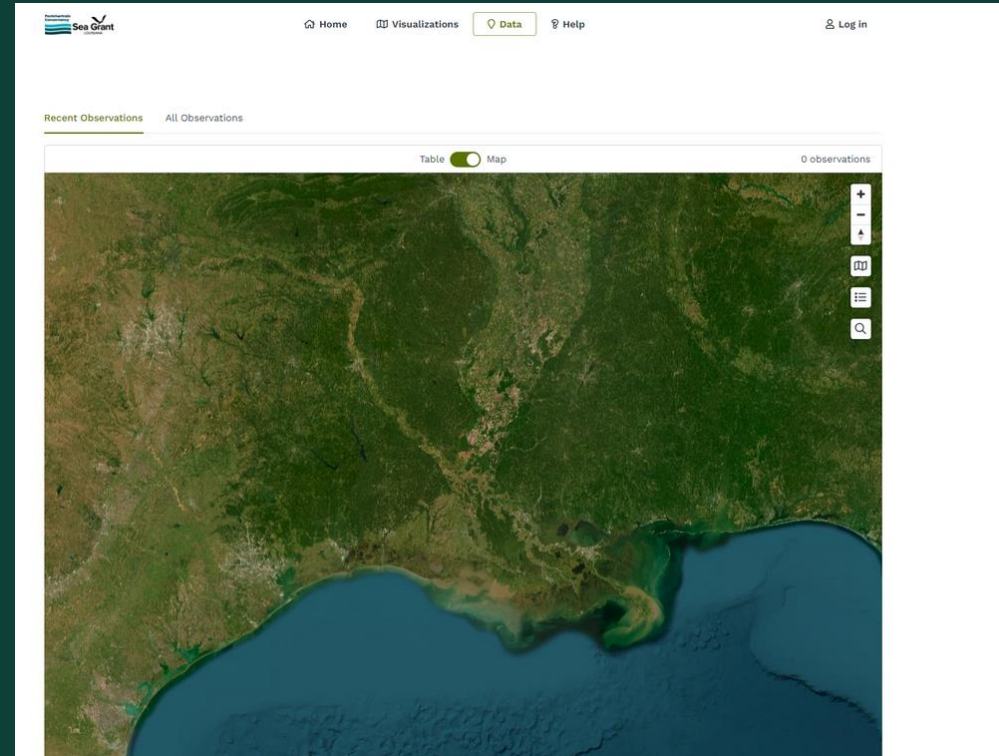
Summarized item notes * ⓘ

Teachers:

- Input each monthly clean-ups data
- Have an account for their school

Students:

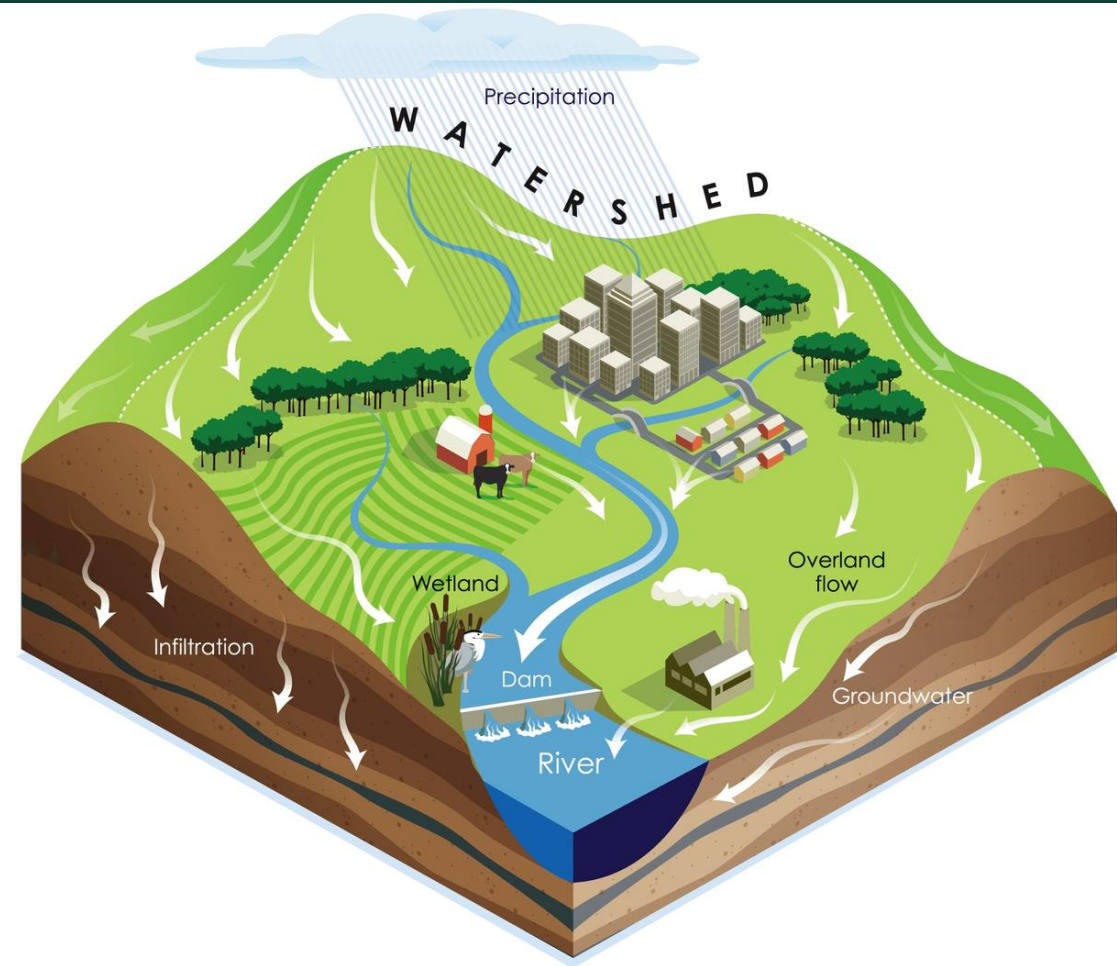
- Look at, analyze, and download data
- Create visualizations on the data



DATA DRIVEN EDUCATION & ACTION

Table Map 341 observations

(d...	Has Media	Choose Item Group & Type	Item Conditions: How many items are intact/un-fouled?	Item Conditions: How many items are
4	Yes	Smoking - Cigarettes & Canna...	3	6
4	No	Automotive - Other	1	0
4	No	Other - Textiles, Clothing & Sh...	1	5
4	No	Other - Balloons	1	0
4	No	Other - Toys, Sports & Rec Eq...	2	1
4	No	Other Paper	2	0
4	No	Plastic Straws & Stirrers	2	1
4	No	Plastic Bottle Caps & Tabs	4	0
4	No	Plastic Food Wrappers & Snac...	10	20
4	No	Plastic Utensils	1	0
4	No	Plastic Small Fragments	0	1
4	No	Other Plastic	2	0
4	No	Other Foam	2	0
4	No	Other Paper	1	4
4	No	Glass Small Fragments & Othe...	0	3



Graphic by: Lower DuPage River Watershed Coalition and Lower Des Plaines Watershed Group

OUTCOMES

- Students and teachers will increase their knowledge and awareness of the origins of litter
- Students and teachers will increase stewardship of their campus = decrease in litter over time
- Understanding of their role in protecting their local piece of the greater Mississippi/Atchafalaya River Basin.



HOW DID THIS GET
HERE?

WHY DOES IT KEEP
BLOWING AWAY?



CONSIDER LITTER: BY THE NUMBERS

12 

SCHOOLS
SIGNED ON

 48

TEACHERS
TRAINED

1,950 STUDENTS
ENGAGED



TEACHERS COLLECTING & SORTING DURING TRAINING



AFTER 15 SCHOOL CLEAN UPS, A TOTAL OF...



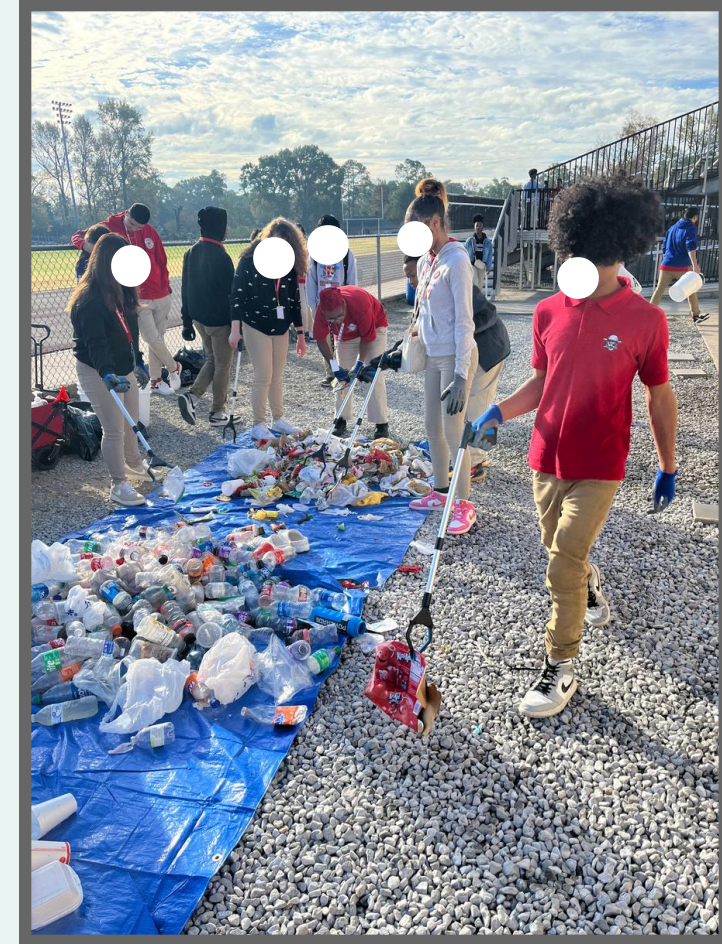
STUDENTS WEIGHING

3,900

PIECES OF LITTER

&

OVER 170 LBS.



STUDENTS COLLECTING AND
PRE-SORTING

...HAS BEEN COLLECTED, CATEGORIZED, QUANTIFIED, AND DISPOSED OF.

THANK YOU.

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laseagrant.org



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Conservancy**





GLOBAL GEOSPATIAL INSTITUTE



Keep
LOUISIANA
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Youth Litter Education with GIS