

Conserve - Upcycle Art- Sustain



Learn: Holy Trinity Catholic School students **learn** how to make art from recycled materials with Mrs. Hines and Mrs. Trexler.



Do: Holy Trinity Catholic School students reuse recycled materials to make art and costumes, as seen here for a STREAM (R= Religion) project where the students reenact the first Thanksgiving. Students on the right, upcycle chairs to be sold at the school fundraiser.



Teach: HTCS students lead a discussion with each other on the benefits of upcycling instead of adding things to our landfill. Students had an art show and invited their families to see their work.

Protect- Litter Prevention/ Beach Sweep- Sustain



Learn: Holy Trinity Catholic School students learn from Mrs. Harrison how important it is to keep our beaches clean.



Do: Holy Trinity Catholic School students clean trash off the beach. They also learn how animals can choke from trying to eat food in plastic left on the beach.



Teach: Holy Trinity Catholic School Robotics Team present their invention to reduce pollution in our local swashes, to Dave Fuss, Watershed Planner for Horry County. Sixth grade students create a video to play for the school, that teaches why we should pick up our trash at the beach.

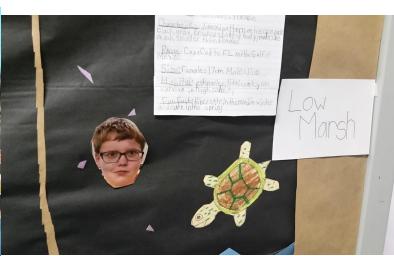
Protect- Water- Seeds to Shoreline- Sustain



Teach: Holy Trinity Catholic School students learn from EV Bell, Sea Grant Consortium Education Coordinator and Beth Thomas, Education Coordinator, North Inlet-Winyah Bay NERR Belle W. Baruch Institute, about the importance of protecting our salt marsh. Mrs. Harrison (behind the camera) teaches 5th graders how to count and germinate Spartina seeds.



Do: Holy Trinity Catholic School students harvest, germinate and grow Spartina (salt marsh grass) then they restore the salt marsh with the new grass.



Teach: Holy Trinity Catholic School Students teach visitors and younger students about the salt marsh, with a student-created salt marsh wall and videos.

Conserve- Reduce- No waste Lunch- Sustain



Learn: Holy Trinity Catholic School students learn from Mrs. Harrison what our school throws into the trash during lunch. She dumps the entire trash bin out on a table and students sort through and separate everything into categories of food waste, recycling and trash. Note: Mrs. Harrison just dumped trash onto the table and is not shown in the photo.



Do: Holy Trinity Catholic School students, kitchen staff, teachers and volunteers keep waste from our landfills by using all reusable lunch supplies, including silverware, trays and cups. We also donate selected food scraps to the local Parnell farm for their animals and compost the rest in our outdoor composter.



Teach: Holy Trinity Catholic School students participate in Zero Waste week every year and the students weigh and audit how much our school wastes. The 5th graders run an awareness campaign and encourage all the students to use reusable containers and not single-use plastic.

Conserve- On-Site Recycling- Sustain



Learn: Holy Trinity Catholic School students learn from Mrs. Harrison how to recycle and sort by playing a relay race game. Preschool students learn from Mrs. Goheen how to sort recyclables. Both teachers are behind the camera.



Do: Holy Trinity Catholic School Green Team checks with each person to make sure students are recycling and composting in the lunchroom. Preschoolers learn to sort recycled items in the categories of plastic, cardboard and metal.



Teach: Holy Trinity Catholic School 6th, 7th & 8th grade students educate the entire school by reading books to every classroom and explaining to the students how and why we recycle.

Restore- Habitat- School Garden/ Greenhouse- Sustain



Learn: Holy Trinity Catholic School students learn how to plant a vegetable garden from Mrs. Harrison and how to plant a flower garden from Mrs. Sedensky. The Green Team is also learning how to plant seeds for their greenhouse garden.



Do: Holy Trinity Catholic School first graders grow pumpkins in their vegetable garden. The Green Team upcycles and makes paper pots from unused church bulletins to plant seeds in. The third graders start seeds in their classroom.



Teach: Holy Trinity Catholic School fifth graders teach the kindergarteners all the parts of a plant.

Restore- Vermicomposting & Composting- Sustain



Learn: Holy Trinity Catholic School 1st grade students learn from Mrs. Harrison how to set up a vermicompost for their classroom. They learn how to read a moisture meter and write down the requirements for a healthy worm habitat.



Do: Holy Trinity Catholic School Green Team paints the compost barrels for their new site on our new campus. Students want them to fit in with the butterfly garden they are creating. Middle school boys set up compost bins at the old campus because our worm bins were full. Students collect and fill the compost bins with yard waste from our garden and food waste from the lunch room, the secretary's shredded paper and the teachers' coffee grounds.



Teach: Holy Trinity Catholic School middle school students teach the younger students and the teachers how worms and other decomposers create compost. 5th grade students also created a video entitled, "One Small Worm, One Big Change." The video and poster provide detailed explanations of what the students can and cannot put in a compost. The video also explains their experiment of planting Spartina using vermicompost vs. regular potting soil.

Protect- Plants in Every Classroom- Sustain



Learn: Holy Trinity Catholic School 5th graders learn from Mrs. Harrison the process of photosynthesis and the role plants play in the production of oxygen. Teachers and staff learn from Mrs. Harrison the importance of having plants in every classroom.

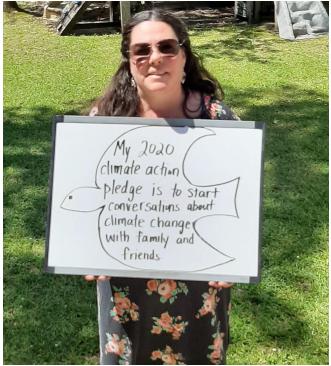


Do: Holy Trinity Catholic School 4th grade students, on the right, plant rosemary and lavender seeds to start in the greenhouse and to be given to the teachers as gifts for their classrooms. The plants stay in the classrooms until May and then the teachers take them home as gifts. PTO donates small succulents for each classroom and 5th grade students transplant them into larger pots, to give them room to grow.



Teach: Holy Trinity Catholic School 5th grade students instruct teachers and staff on how to care for their plants. They set up a watering and care schedule for teachers who are not interested in taking care of their own plants. The 5th and 6th grade students created a video that teaches the process of photosynthesis and explains to younger students how a plant provides your classroom with clean air.

Conserve- Energy- Audit and Act- New

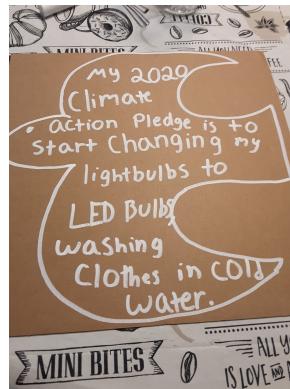


Learn: Holy Trinity Catholic School students learn from Mrs. Harrison the importance of recognizing the amount of energy they use and then she challenges them to make a plan to reduce their carbon footprint.

Energy Audit - week 1				
MY ENERGY USE	AMAZING	GREAT	OKAY	STRUGGLING
I do this at least once per week.	3 points	2 points	1 point	0 points
Total score:				1 point
My shower is 5 minutes or less.	<input checked="" type="checkbox"/>			
I turn the water off when I brush my teeth.			<input checked="" type="checkbox"/>	
I turn the lights off when I leave my bedroom.	<input checked="" type="checkbox"/>			
I turn the water off when I leave the room.	<input checked="" type="checkbox"/>			
I unplug my chargers when the phone is charged.		<input checked="" type="checkbox"/>		
I eat local fruits and vegetables.	<input checked="" type="checkbox"/>			
I eat leftovers.	<input checked="" type="checkbox"/>			
Bonus:				
My family composts our lawn waste.				<input checked="" type="checkbox"/>
My shower only runs the dishwasher when it is full.	<input checked="" type="checkbox"/>			
My family recycles.		<input checked="" type="checkbox"/>		
TOTAL:	22			



Do: Holy Trinity Catholic School middle school students participate in an energy audit while social distancing. Students use the audit to make changes at home. They will reassess themselves at the end of the school year. 8th grader, Grace starts recycling at home.



Teach: Holy Trinity Catholic School middle school students use the energy audit to bring awareness to their families. They teach their parents how to conserve energy and join the Catholic Climate Covenant to make a 2020 Climate Action Pledge.

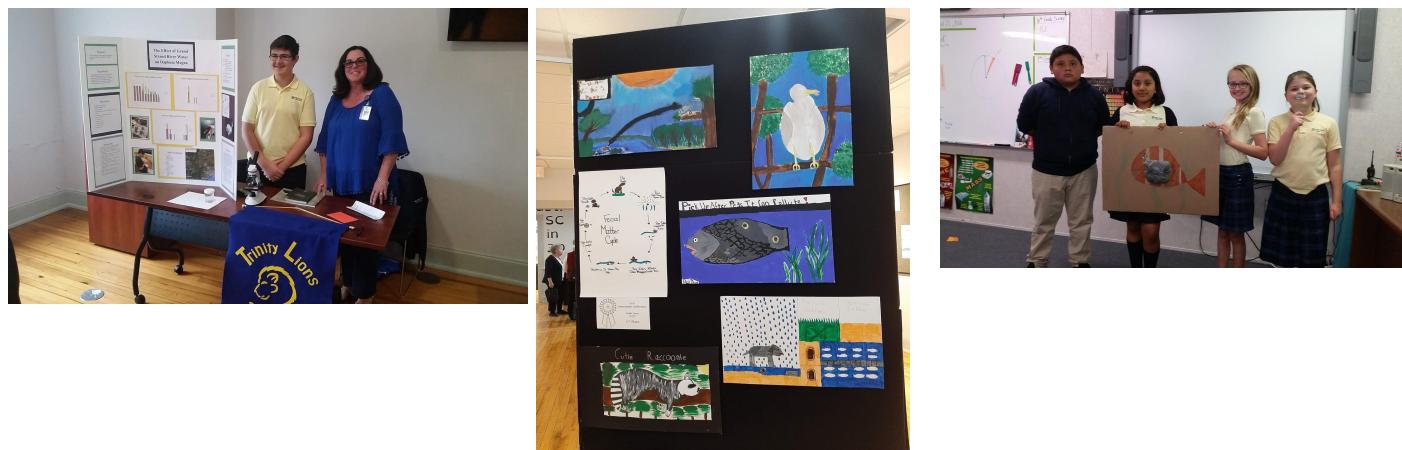
Protect- Water Care & Storm Drain Labeling- Sustain



Learn: Holy Trinity Catholic School middle school students learn from Lisa Swanger, Coastal Waccamaw Watershed Education Program Director, as she demonstrates how a watershed works and the negative effects of pollution in our storm drains. Dan Gore, North Myrtle Beach Water Maintenance, explains where our water goes when it leaves our homes, how it is treated, and where it ends up.



Do: Holy Trinity Catholic School middle school students label all the storm drains in Lafayette Park, Little River, SC. (Students were scheduled to label storm drains for Our Lady Star of the Sea Catholic Church, North Myrtle Beach, SC in April 2020.)



Teach: Holy Trinity Catholic School middle school students participate in the Waccamaw River Keeper's Conference with displays and presentations educating people on water quality. Bryan, 8th grader and winner of the 2019 Water Drop Award at the Sand Hills Regional Science Fair, is presenting his findings on water pollution in the Waccamaw River. 4th grade students create posters and videos to educate the younger students about the effects of pollution in our water.