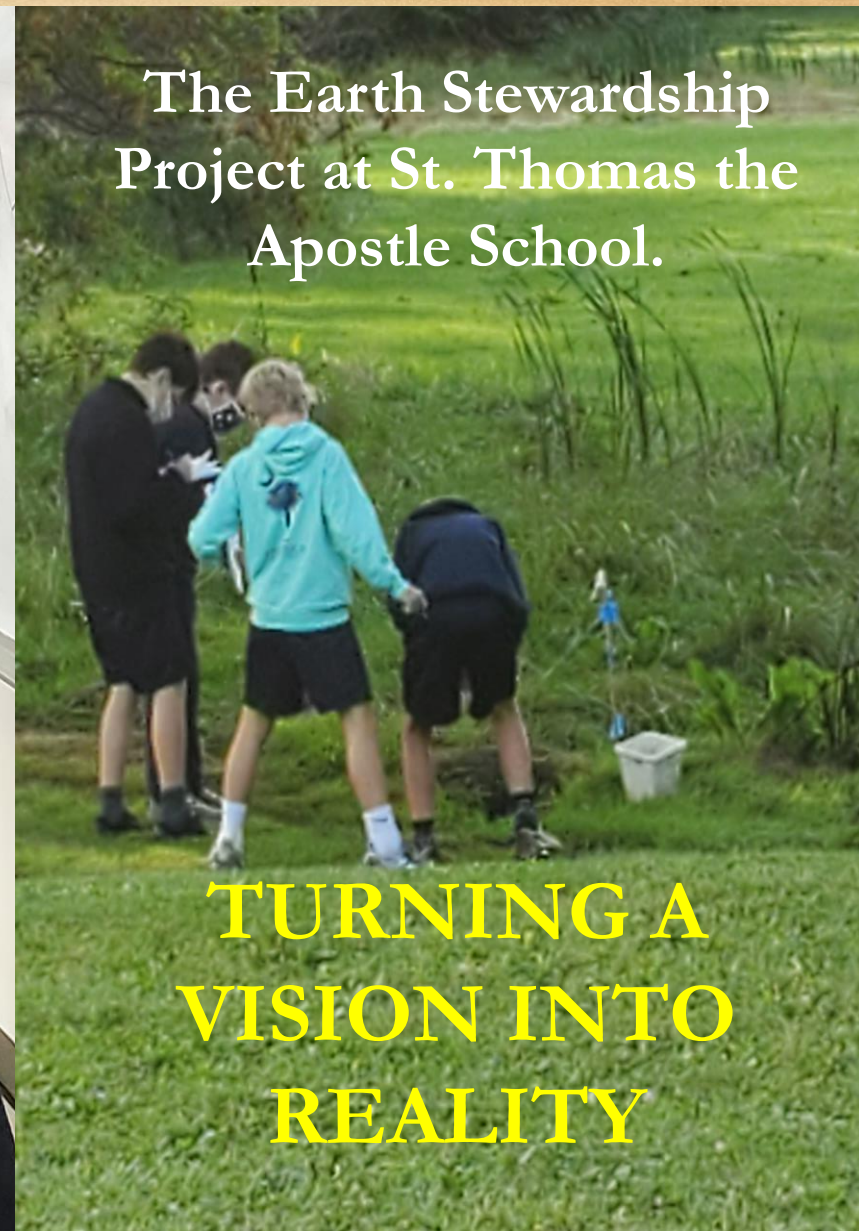


The Earth Stewardship Project

An iEARN Project 2021 at St. Thomas
the Apostle School



The Earth Stewardship
Project at St. Thomas the
Apostle School.



**TURNING A
VISION INTO
REALITY**



SUSTAINABLE DEVELOPMENT GOALS

GOAL 13: CLIMATE ACTION

GOAL 6: CLEAN WATER AND SANITATION

GOAL 11: SUSTAINABLE CITIES AND COMMUNITIES

GOAL 15: LIFE ON THE PLANET

UN SUSTAINABLE DEVELOPMENT GOALS ARE THE BACKBONE FOR OUR VISION AND HELP CREATE STEPS WE TAKE TO HELP SAFEGUARD OUR PLANET AND CIVILIZATION.

WHAT ARE WE DOING TO BRING OUR VISION TO REALITY?

DEVELOPING AND FOSTERING A COMMITMENT TO UN SUSTAINABILITY GOALS:

- ❖ DEVELOPING THE MEANS TO BRING FORTH **SOLUTIONS** THAT CAN BE IMPLEMENTED IN OUR SOCIETY AND POSITIVELY IMPACT OUR **NATURAL ECOSYSTEM.**
- ❖ FOSTERING **RELATIONSHIPS WITH PEERS,** ACROSS THE PLANET, IN AN EFFORT TO CREATE A ***UNITIFED AND COMMITTED EFFORT*** TO PRESERVE AND CARE FOR THE PLANET.
- ❖ DEVELOP AND IMPLEMENT A **HELD VISION** THAT BECOMES A DRIVING FORCE FOR A COMMITMENT THAT CREATES THE WILL TO **SUSTAIN THE VITALITY OF OUR LIFE-GIVING ECOSYSTEMS.**

THE EARTH STEWARDSHIP PROJECT

VISION TO REALITY



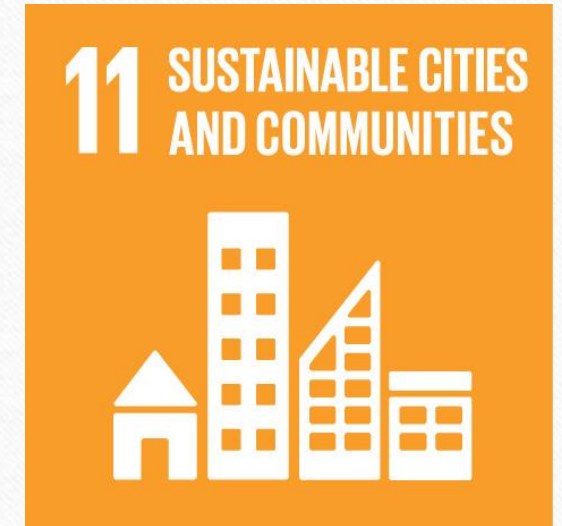
11 SUSTAINABLE CITIES
AND COMMUNITIES



- Knowledge and understanding leads to developing abilities and skills to perform scientific research, investigate experimental outcomes and work toward designing sustainable ways of producing food, developing nutritious soils and ultimately achieving greater resilience against the impacts of **climate change**.

FORGING A VISION INTO A REALITY

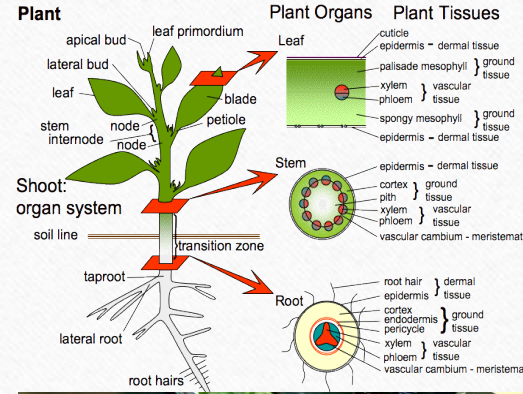
- WORKING WITH STUDENTS FROM PAKISTAN TO SUPPORT EFFORTS TO DEVELOP GARDENS AND TO SUSTAIN THE VITALITY OF **PLANTS**.
- COLLABORATION WITH STUDENTS FROM ACROSS THE PLANET INCREASES OUR EFFORT AND ABILITY TO ATTAIN **UN SUSTAINABILITY GOALS**.



VISION INTO REALITY

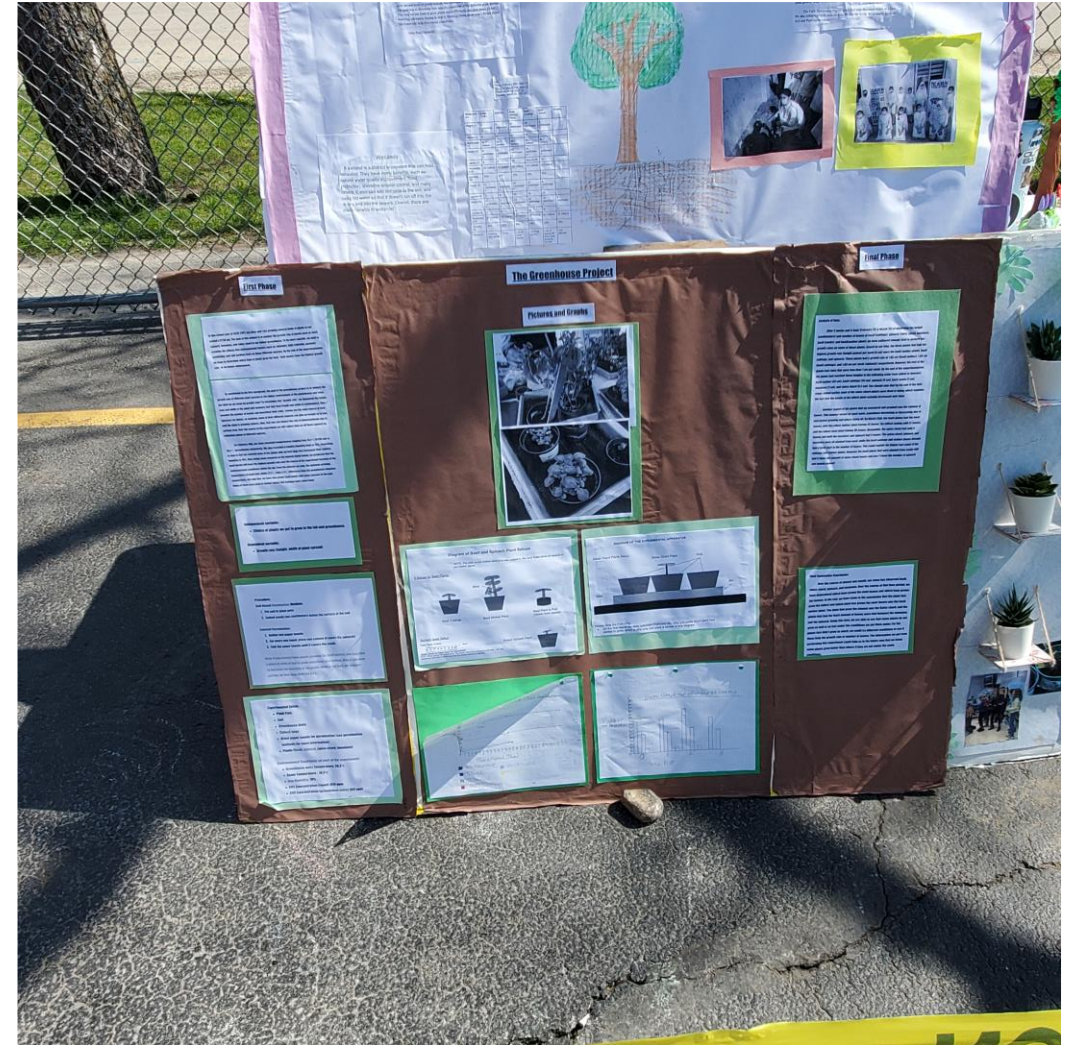
THE **GREENHOUSE PROJECT** IS ONE MEANS FOR STUDENTS TO USE THEIR SKILLS AND ABILITIES FOR SCIENTIFIC EXPLORATION AND DISCOVER.

THIS REALITY IS A PROCESS THAT YIELDS GREATER **FOOD CROP PRODUCTION** AND WORKS TOWARD INCREASING **COMMUNITY FOOD SECURITY** AS WE MOVE INTO A FUTURE THAT WILL BE IMPACTED BY **CLIMATE CHANGE**.





RESEARCH ON FOOD CROPS GROWN
LOCALLY AND ORGANICALLY.



EXHIBITING THE SCIENTIFIC PROCESS. SCIENCE FAIR
PRESENTATION OF DISCOVERIES

THE EARTH STEWARDSHIP SOIL PROJECT LENDS WELL TO COLLABORATION ABROAD!



Sustainably manage forests, combat desertification, halt & reverse land degradation, halt biodiversity loss.

- **THE SOIL PROJECT IS THE MEANS TO FIGHT THE IMPACT OF CLIMATE CHANGE.**
- **SCIENTIFIC INVESTIGATION INTO THE *PHYSICAL, CHEMICAL AND BIOLOGICAL* QUALITY OF LOCAL SOILS.**
- **THE **VISION** IS TO ACHIEVE QUALITY SOILS THROUGHOUT OUR LOCAL ECOSYSTEM. THE **REALITY** IS CREATING QUALITY SOIL AS GROWING MEDIUMS FOR LOCAL FOOD CROPS.**

15 LIFE ON LAND



COLLABORATIVE EFFORT WITH POLISH STUDENTS ON THE SOIL PROJECT.



THE QUALITY OF SOIL IS A VERY IMPORTANT COMPONENT OF THE ECOSYSTEM. IT PROVIDES THE ENVIRONMENT FOR MICROBES AND IT HOUSES ESSENTIAL NUTRIENTS FOR PLANTS.

- **THE EARTH STEWARDSHIP WETLAND PROJECT:**

- PRESERVING THE VIALITY OF LIFE-SUPPORTING LOCAL ECOSYSTEMS THROUGH CONSERVATION MEASURES AND THROUGH EFFECTIVE MANGEMENT OF LOCAL RESOURCES.

- **THE VISION** IS TO PRESERVE AND ENHANCE THE AVAILABILITY OF FRESH WATER INTO THE FUTURE.

- **THE REALITY** IS TO IMPLEMENT THE MOST EFFECTIVE MEANS TO CONSERVE LOCAL SUPPLIES OF FRESH WATER AND TO INCREASE THE CAPACITY OF LOCAL WETLANDS TO STORE MORE FRESH WATER OVER TIME.





6 CLEAN WATER AND SANITATION

The icon for Sustainable Development Goal 6, Clean Water and Sanitation, featuring a white water drop inside a white glass, with a white arrow pointing downwards from the bottom of the glass.

SCIENTIFIC PROCESS OF INVESTIGATION TO DISCOVER WETLAND CAPACITY TO STORE WATER.



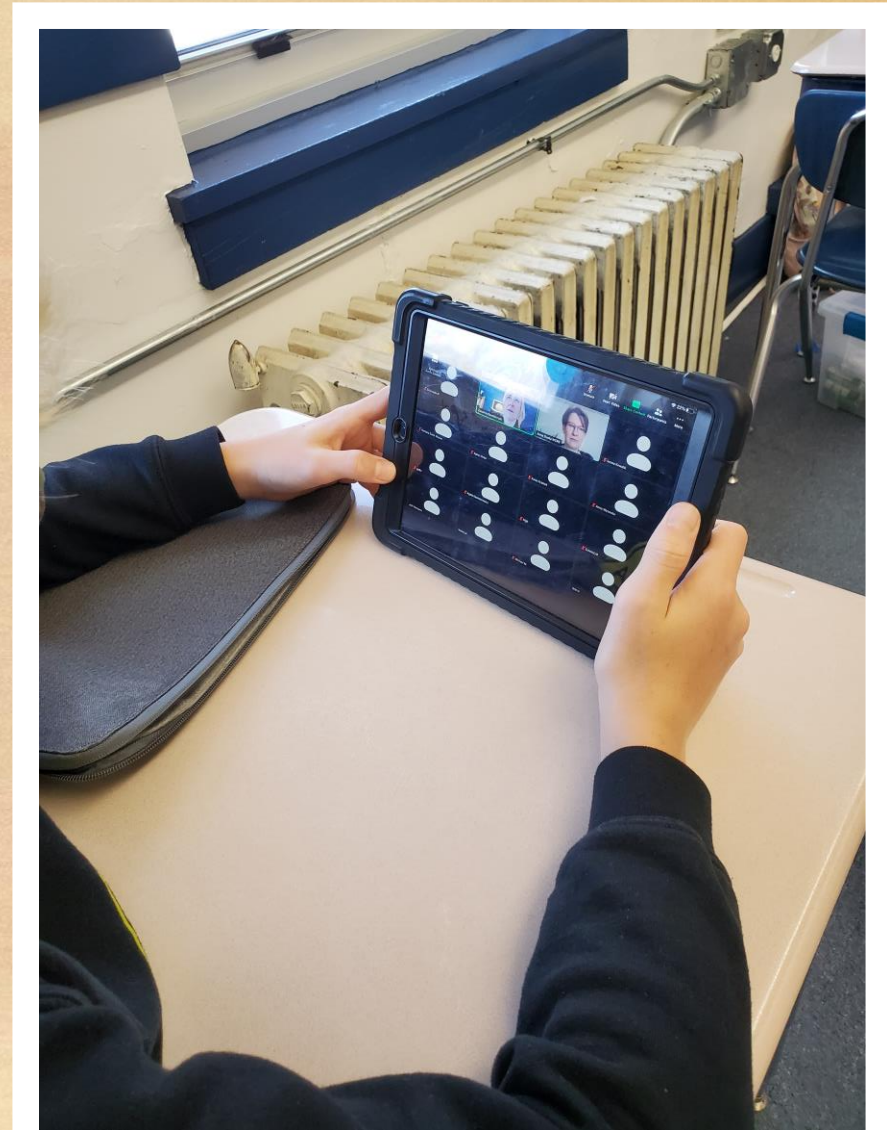
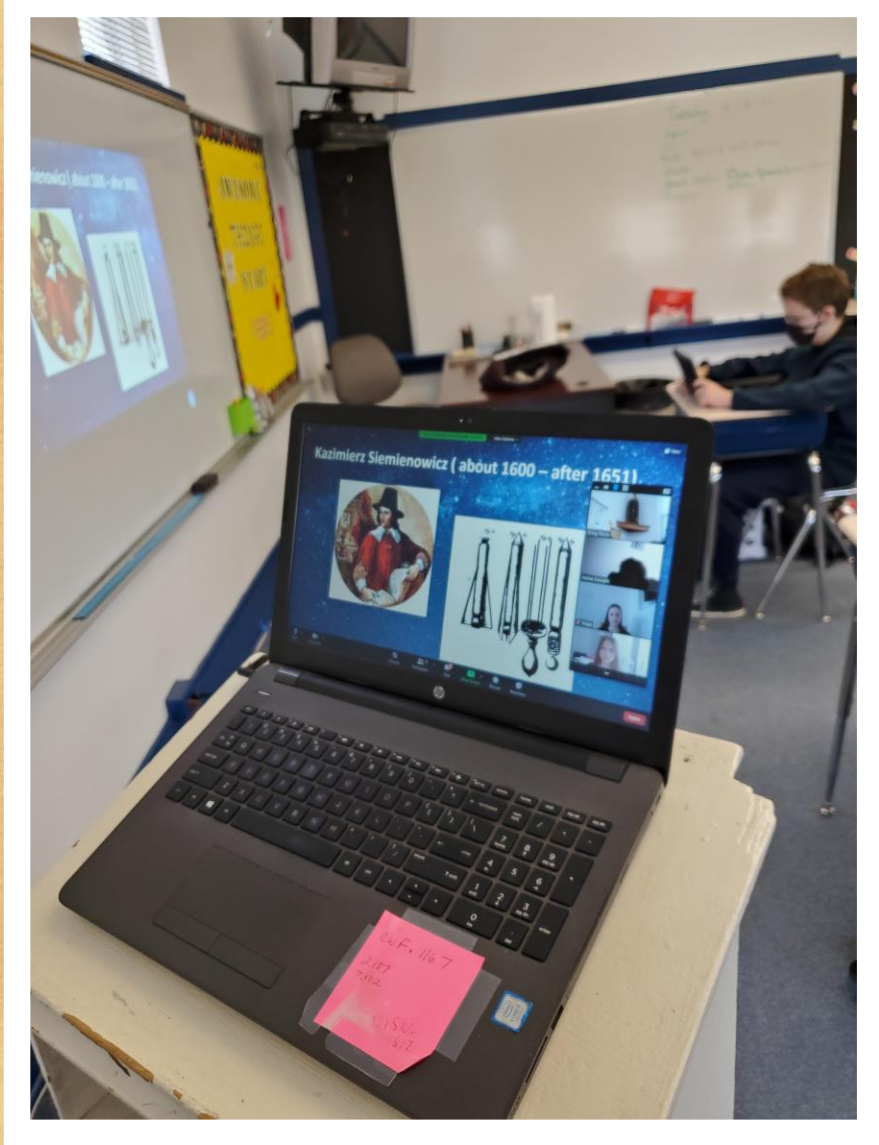
HUMANS IN SPACE: A *ZOOM-FACILITATED* COLLABORATIVE SCIENTIFIC PRESENTATION (*POLISH AND AMERICAN STUDENTS*) OF HUMAN EXPLORATION OF THE BOUNDIRES OF OUTER SPACE.

HELPING TO UNDERSTAND OUR PLACE IN THE COSMOS. REFLECTING UPON OUR COMMITMENT TO **SCIENTIFIC DISCOVERY** AND **TECHNOLOGICAL INNOVATION** INTO THE FUTURE.

11 SUSTAINABLE CITIES AND COMMUNITIES



HUMANS IN SPACE IS A COLLABORATIVE PRESENTATION BETWEEN AMERICAN AND POLISH STUDENTS. INFORMATIVE, DISCUSSION-FILLED AND INTERACTIVE.



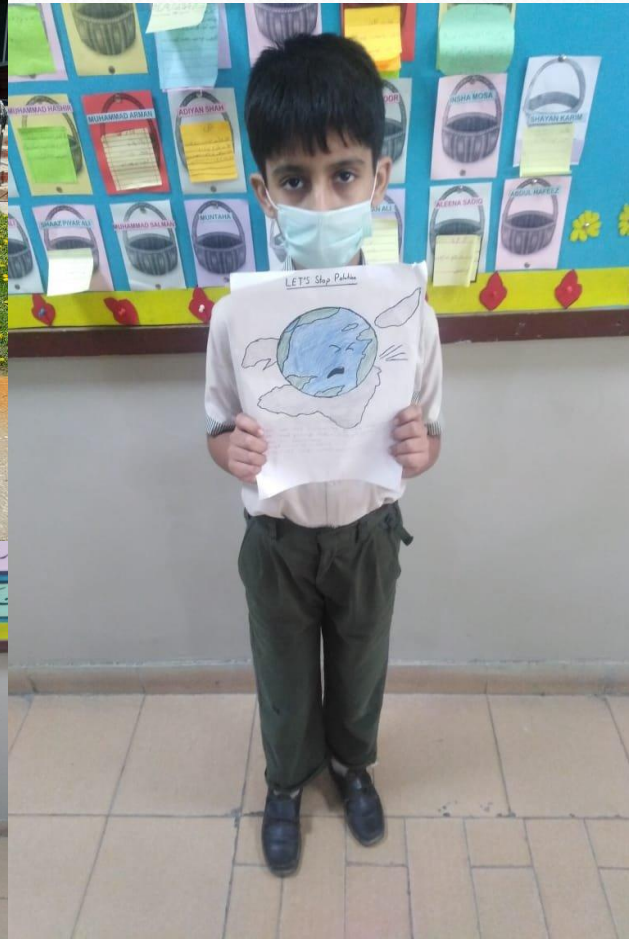
COLLABORATING WITH PEERS FROM ACROSS THE PLANET IS AN ESSENTIAL SKILL AND ABILITY FOR STUDENTS IN THE 21ST CENTURY CLASSROOM.

THE EARTH STEWARDSHIP PROJECT AND TEAM GREEN INTERNATIONAL.



- TEAM GREEN INTERNATIONAL EMBRACES THE **VISION** OF SUSTAINABLE AND LIFE-GIVING ECOSYSTEMS INTO THE FUTURE AND ADVOCATES FOR A WORLD-WIDE EFFORT TO FIGHT CLIMATE CHANGE. **TEAM GREEN** SUPPORTS THE **REALITY** OF COLLABORATIVE EFFORTS TO REACH GOALS SUCH AS REDUCTION IN CARBON DIOXIDE EMISSIONS.

**AN ADVOCATION FOR CHANGE!
AN ADVOCATION FOR A BETTER
FUTURE!**



INTERNATIONAL COLLABORATION WITH STUDENTS FROM PAKISTAN AND AMERICA FOCUSED UPON SOLUTIONS TO THE IMPACT OF CLIMATE CHANGE UPON OUR ECOSYSTEMS!!



**TURNING A
VISION INTO
REALITY,
TEAM GREEN
PURCHASES
AND PLANTS
TREES TO
SUPPORT
THE LOCAL
ECOSYSTEM
AND HELP
REDUCE THE
LEVEL OF
CARBON
DIOXIDE IN
THE
ATMOSPHERE**

5 Tees for a Tree

Team Green Fundraiser

The proceeds from this fundraiser will go to planting trees throughout our community. For every 5 t-shirts we sell, we can plant one tree.

Team Green is a student-led organization that advocates making the world a better place by raising awareness and trying to solve environmental issues. We believe that everyone can make a difference by doing their part to care for our Earth.

T-shirts cost \$15 each (cash only)

Order form due by: March 1 (St. Thomas students, please drop off order forms and money at the school office)



More on back →



AN EARTH DAY TEAM GREEN SPONSORED EVENT AT ST. THOMAS THE APOSTLE SCHOOL