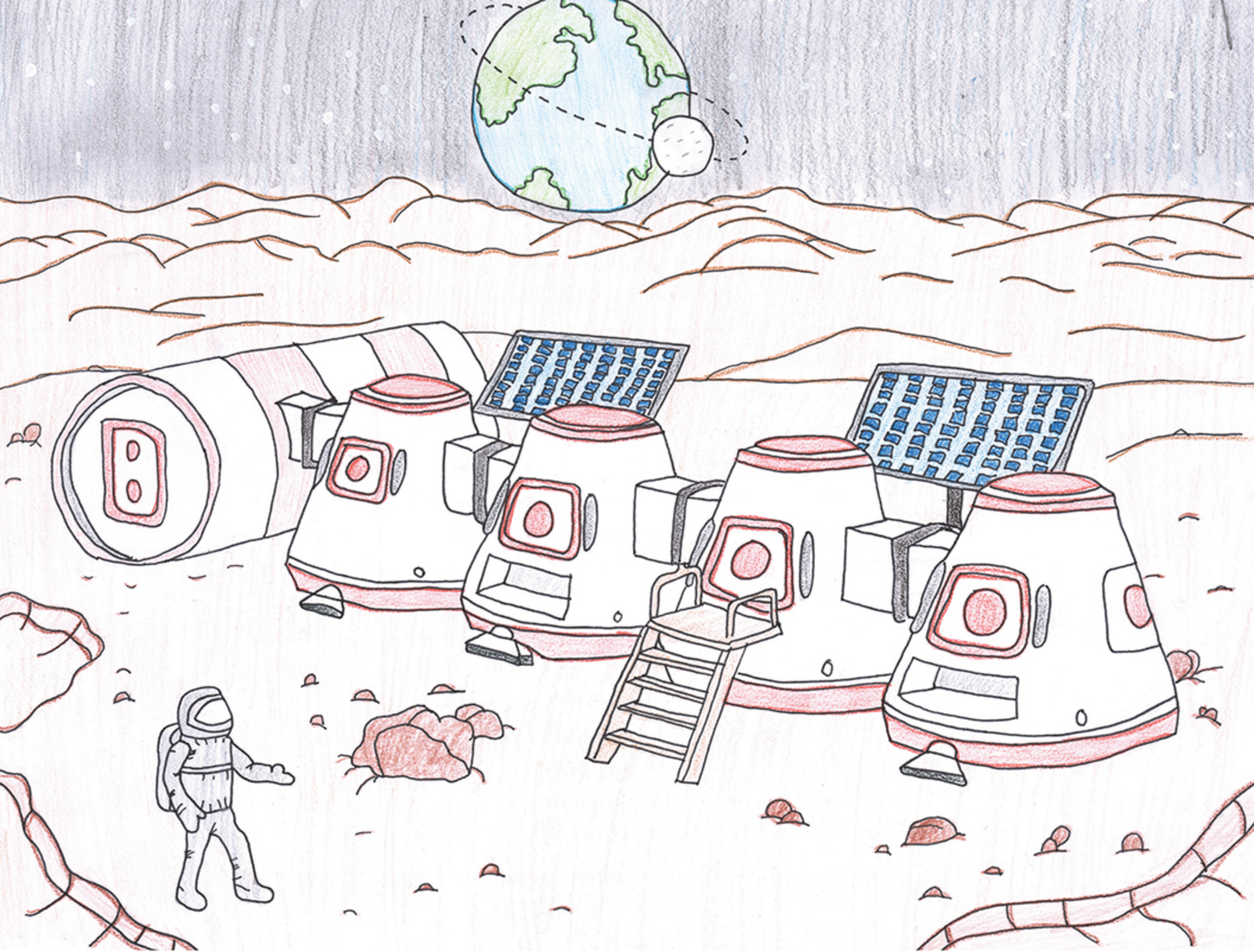


SAVE OUR OCEAN, OUR LAND, AND THE STARS AT NIGHT



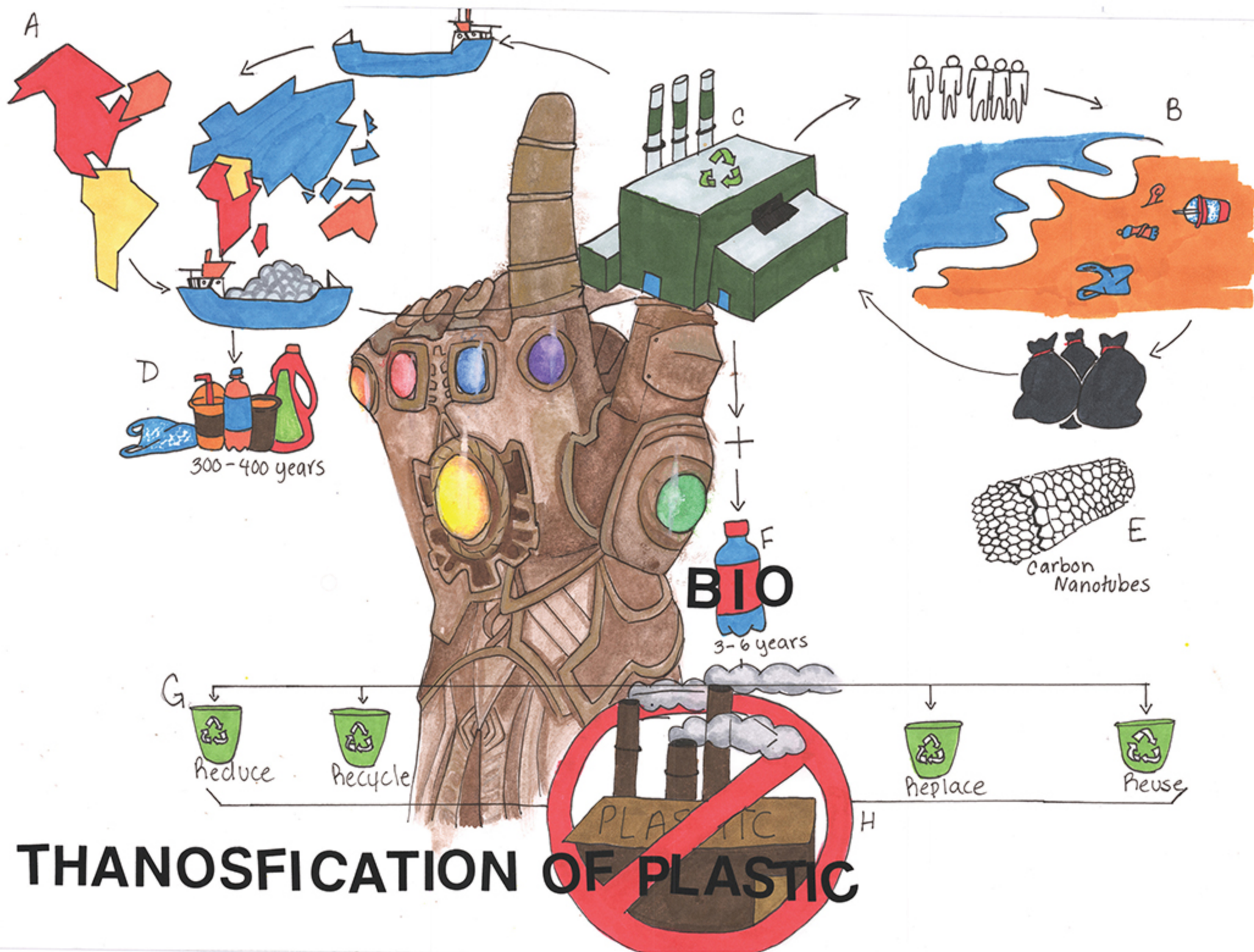
FOR OTHERS TO SEE THE BEAUTIFUL SKY



JANUARY 2021

Abigail Humes
11th Grade,
Deerfield Beach High School

"In my picture, I drew what it might look like if we colonize other planets and use those resources to improve earth and to help it become more sustainable. Through citizen science and innovation, people can create ways to improve both the quality of air, and many other aspects of earth. These improvements will help ensure that future generations will live in a clean world."

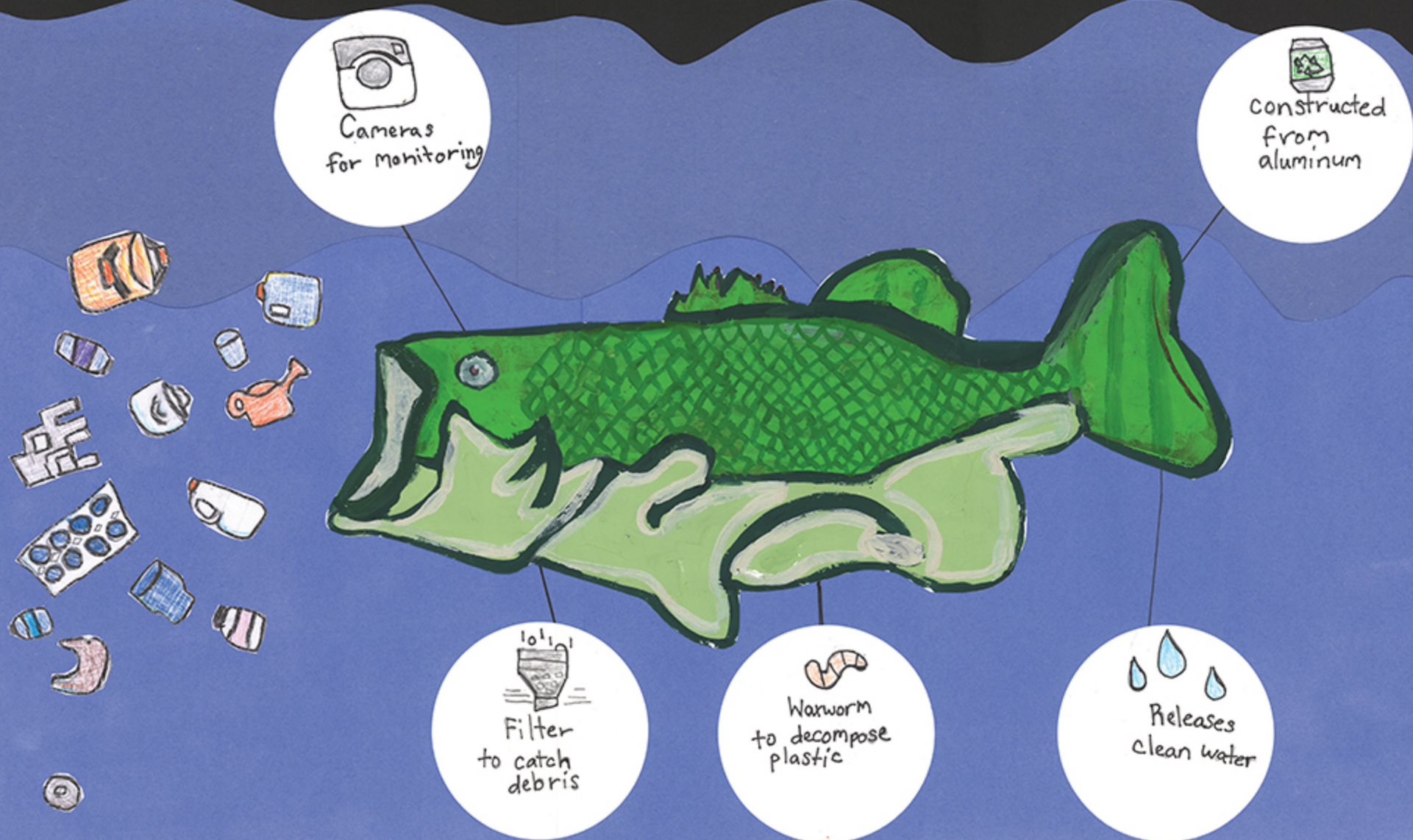


FEBRUARY 2021

Eric Perez
7th Grade,
Silver Trail Middle School

"The project's goal is to eliminate plastic in the oceans by using nanotechnology. While it may average around 450 years for a normal plastic bottle to decompose it only takes 4-6 years with a biodegradable plastic bottle. Although this material remains a source of contamination in that period of time, the objective is to stop plastic from piling up by cutting the supply while ships and other organizations clean the current plastic."

Reducing Marine Pollution



MARCH 2021

Autumn Erez
5th Grade,
Coral Park Elementary School

"Eight million pieces of plastic enter the ocean every day. This kills over one million sea animals a year. Plastics take up to ten thousand years to decompose. I designed a robotic largemouth bass fish. Made of recycled aluminum, it has cameras for eyes to help scientists monitor pollution. The mouth catches debris. A filter near the tail releases clean water out. The stomach contains, galleria mellonella, or waxworm, to decompose plastic inside of the fish."

Citizen Science

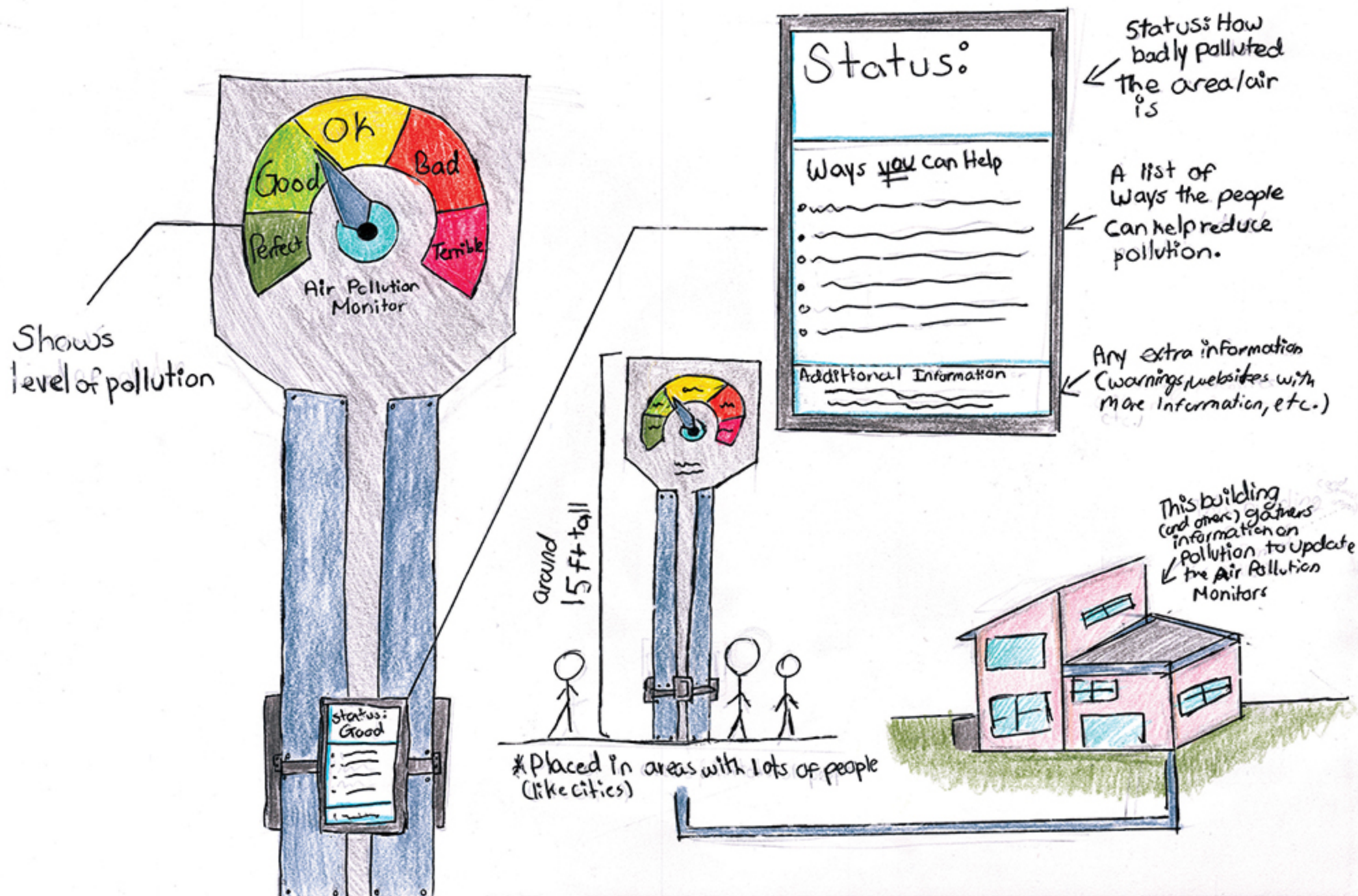


APRIL 2021

Yesenia Yataco
12th Grade,
Deerfield Beach High School

"My technology is an app for people to keep track of how much plastic they are collecting and where they collected it from. Plastic pollution is a big environmental issue that needs to be controlled more. Knowing where plastic accumulates more, can persuade legislation to put more control on it."

Air Pollution Monitor



MAY 2021

Natalia Amo
7th Grade,
Silver Trail Middle School

"The technology that I have designed is a technology that monitors the environment and shows people how much air pollution there is. The data is first collected in separate buildings and then transferred into a tower like structure that can be found in places like cities where there are a lot of people. It displays the information at the top and what people can do to help reduce air pollution on screens near the bottom."

Pure-Air 5000

"Let us freshen up

our air!"

Handle -

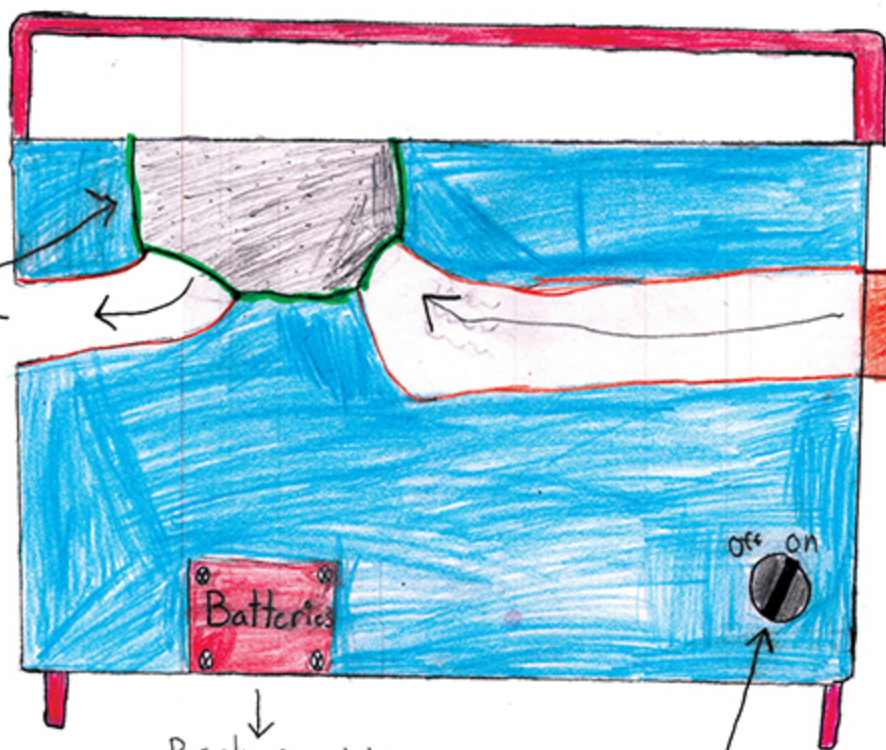
Lets you
hold the
machine.

Hose -

Sucks up
11,000 Sq.
ft. of air
in 5 hours
of operation.

Filter -

Takes
air and
cleans it.



Rechargeable
Lithium
Battery -

A very powerfull
battery that lasts
5 hours of operation.

Power
Switch -

Lets you turn
the machine on
and off.

Stand -

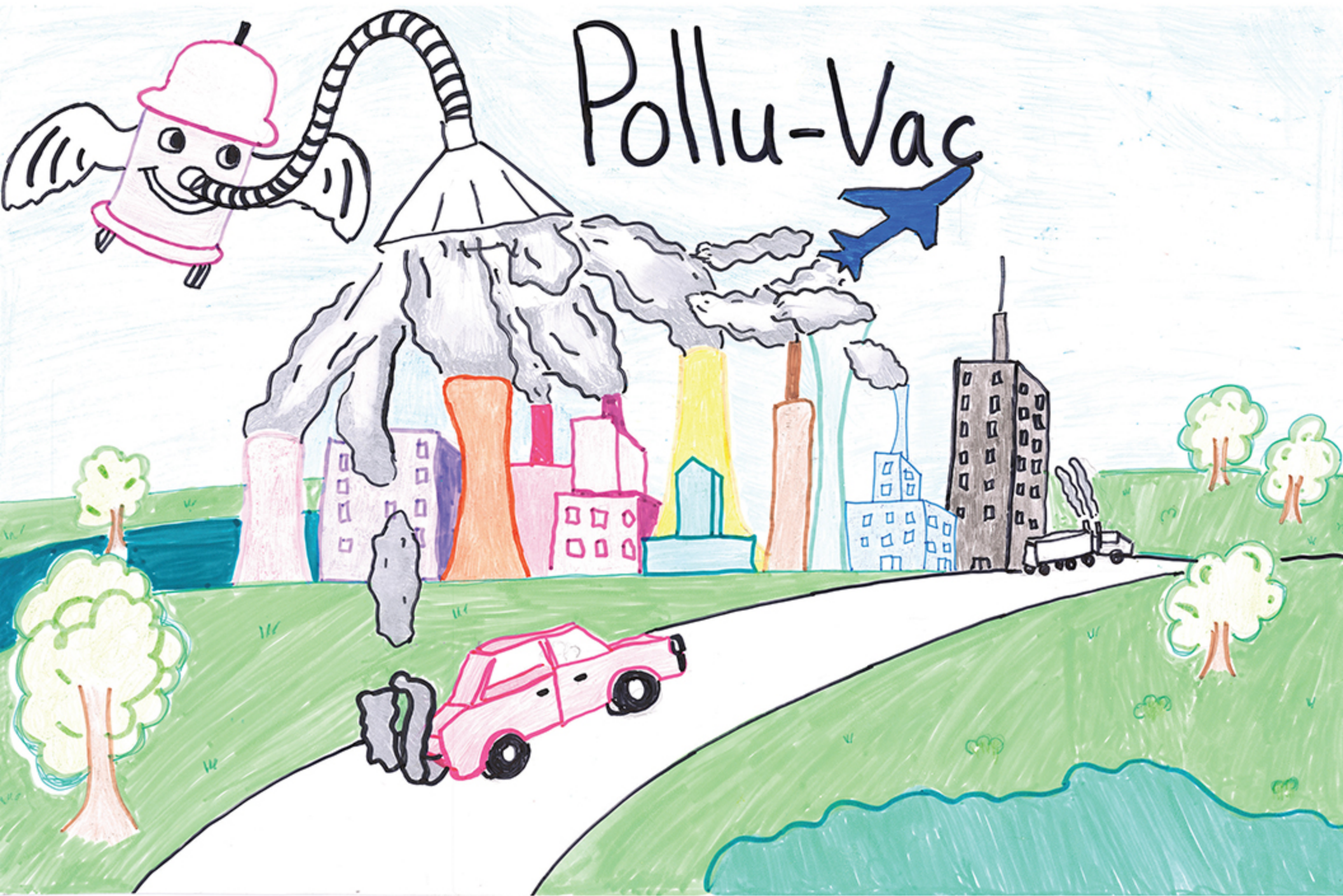
Supports the
hose so you
dont have to
hold it your
Self.

JUNE 2021

Caleb Morales

4th Grade,
Coral Park Elementary School

"My pure-air 5000 includes a hose, filter, handle, a rechargeable lithium battery, stand, and power switch. My vacuum has a powerful two horsepower motor that can suck 11,000 sq. feet of air in a matter of five hours. Once the air is in my machine it goes to the filter to be purified, and once done you can do whatever you want with the chemicals or carbon dioxide."



Pollu-Vac

JULY 2021

Daryn Smith
7th Grade,
Silver Trail Middle School

"The Polluvac will help get rid of the pollution that floats into the air. It will float into the sky and to make sure it does not add any pollution, it will have wings so it can fly by itself. While it's up in the sky, it will start to suck up all the pollution that comes from factories, planes, and cars. Then, the pollution will come back out of the Polluvac clean and fresh."



AUGUST 2021

Sophia Dong
4th Grade,
Lakeside Elementary School

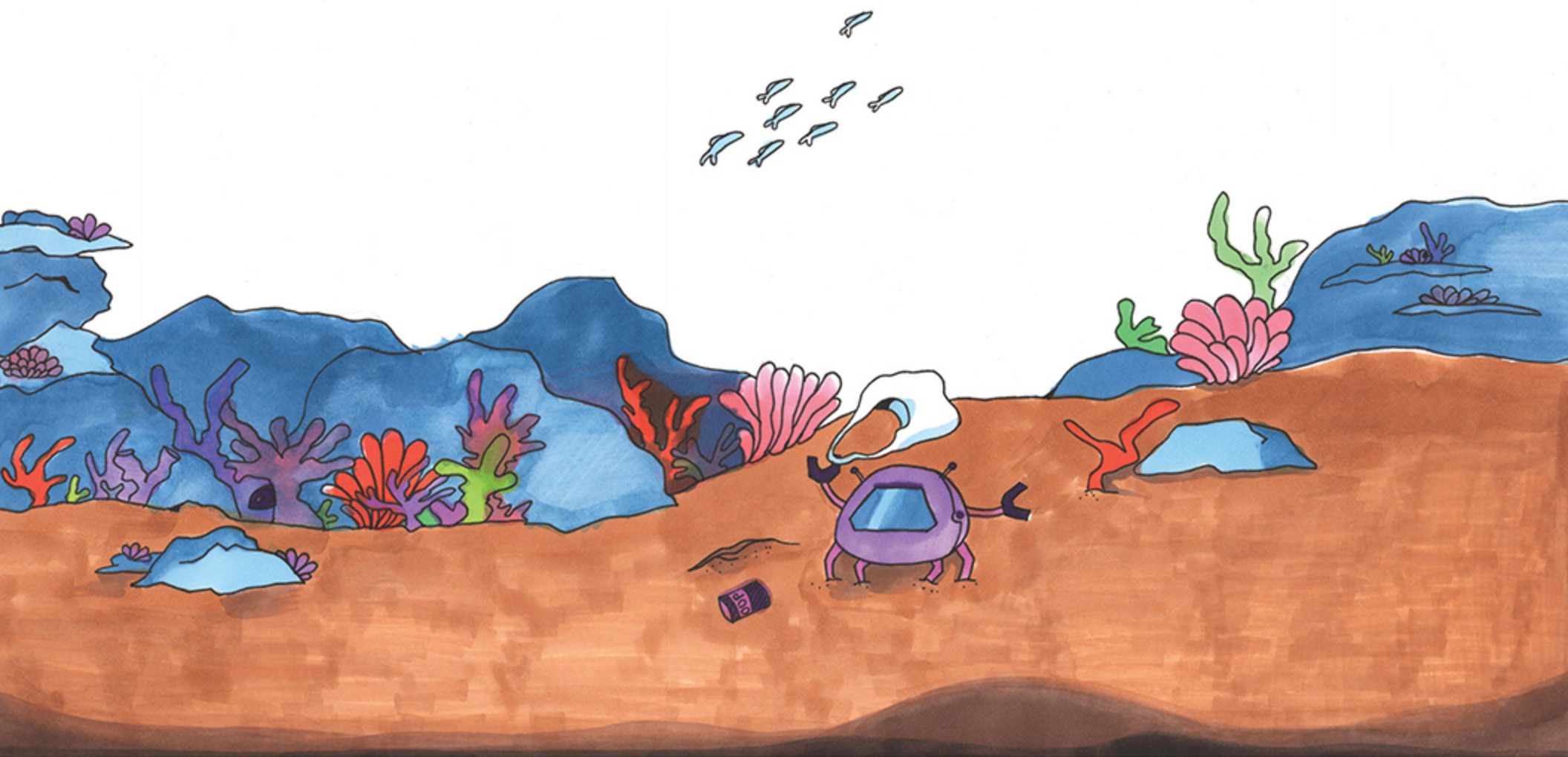
"My machine is called 'Oceans Garbage Can'! It takes garbage that is near and takes it in to be recycled. When one year is over, they take the garbage out then put it back in. I can also take pollution out of the water such as oil, then makes it clean, then puts the clean ocean water back."



SEPTEMBER 2021

Annelle Crosby
6th Grade,
Lyons Creek Middle School

"S.C.P. stands for Save Clean Protect. This model may look like a bird, but it's not, this model takes in air by the holes it has on its chest (see model 2). It then analyzes it and then sends feed back on the air's status, or in simpler terms, when they analyze the air, it tells scientists what is in the air (like harmful substances) and the percentage of how much there is and what we can do to help."



OCTOBER 2021

Kristina Kudryavtseva
6th Grade,
Lyons Creek Middle School

"This machine works by sensors that can detect plastic and trash in the ocean. When this robot collects the trash, it remakes it as fuel."

Cheliseigh
Helwig

Plastic Remover

The 2020
tech to keep
our oceans
clean!!

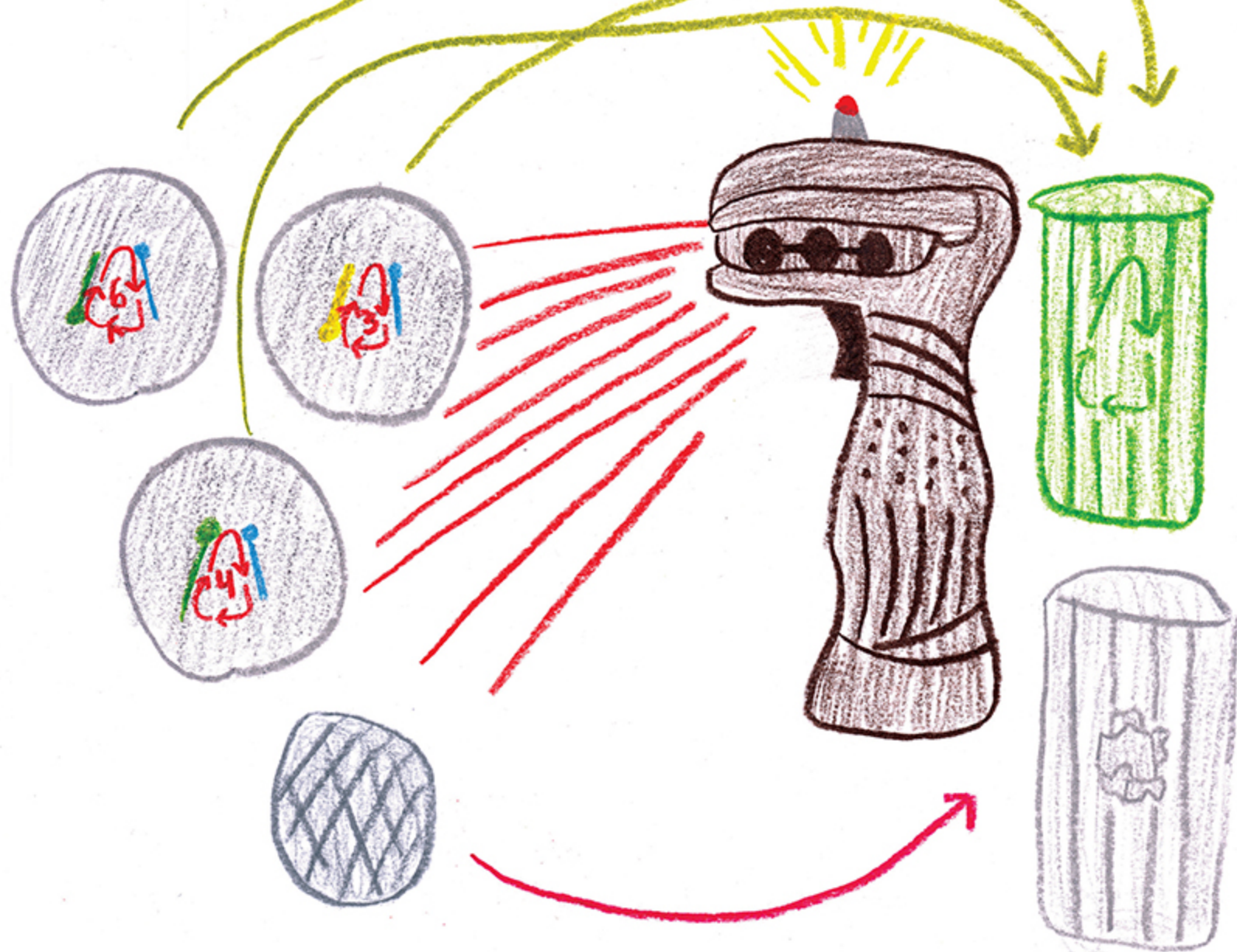


NOVEMBER 2021

Chelseigh Helwig
4th Grade,
Coral Park Elementary School

"The plastic pollution remover monitors and cleans plastic in the ocean. It hovers five feet over the water and collects all plastic. As it goes inside of the machine, saws are shredding the plastic and locking it up so that it does not fall back into the ocean. Within three days it returns to a recycling bin and dumps the plastic out. It is important to monitor this for our marine life and our earth."

Recycling ~ Detector

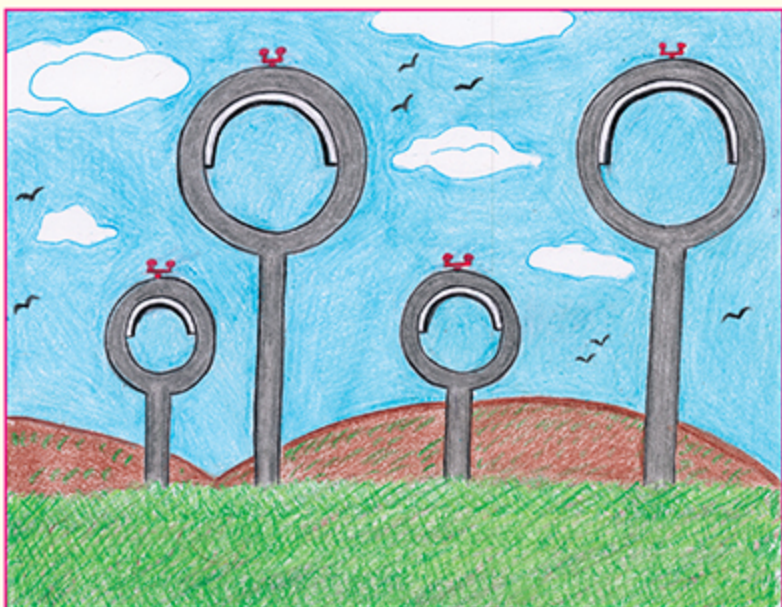


DECEMBER 2021

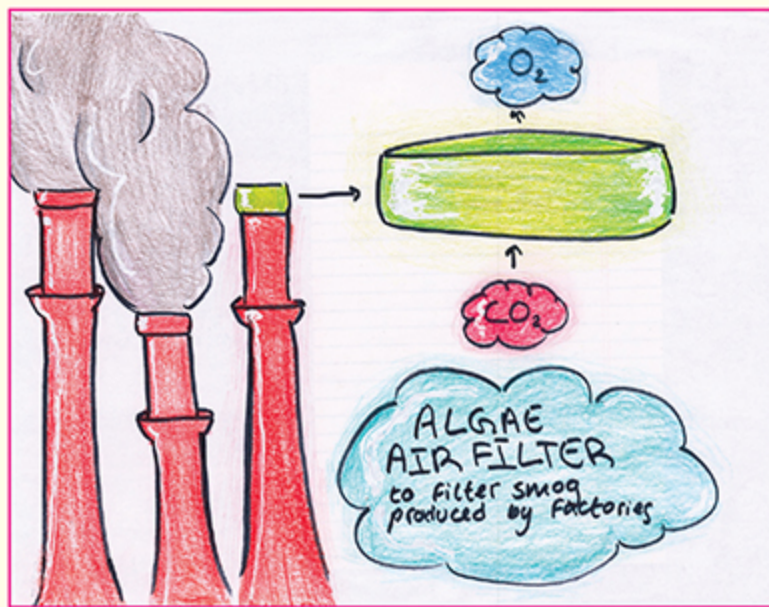
Ryan Greene
12th Grade,
Deerfield Beach High School

"This scanner will help people determine if a certain piece of waste is recyclable. The recyclable symbol will trip a sound on the scanner if it can be scanned. This will help people recycle more easily and can be used by recycling plants with different signals correlating to different materials. Recycling helps preserve Earth's natural income."

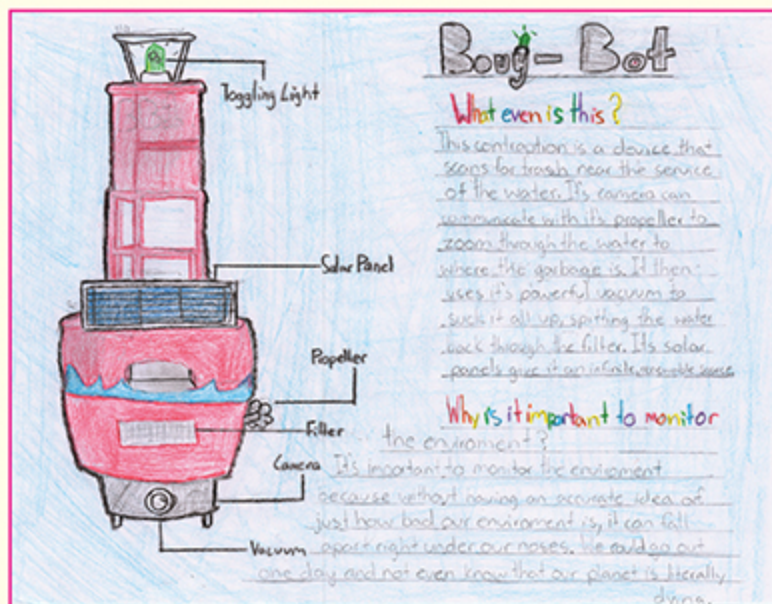
HONORABLE MENTIONS



Ariana Diaz • Silver Trail Middle School



Isabel Lambert • Deerfield Beach High School



Adharsh Mathew • Silver Trail Middle School

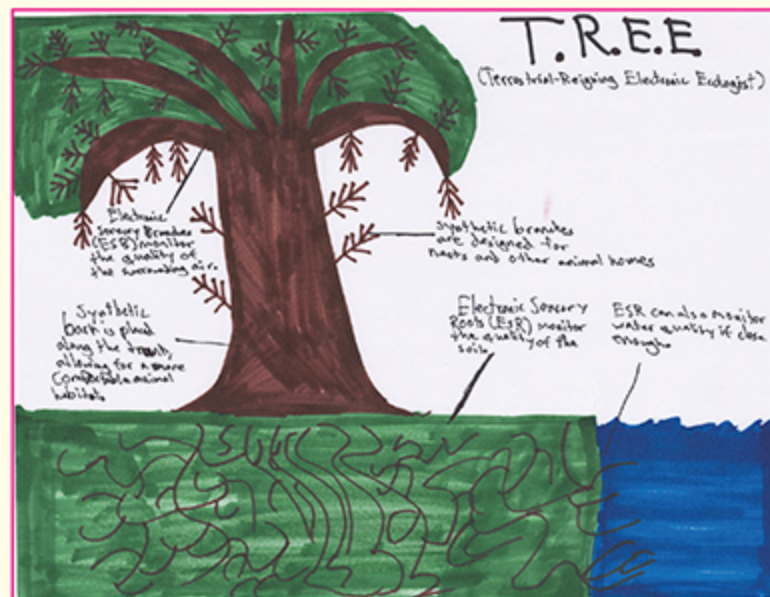
HONORABLE MENTIONS



Gabriela Martinez • Silver Trail Middle School

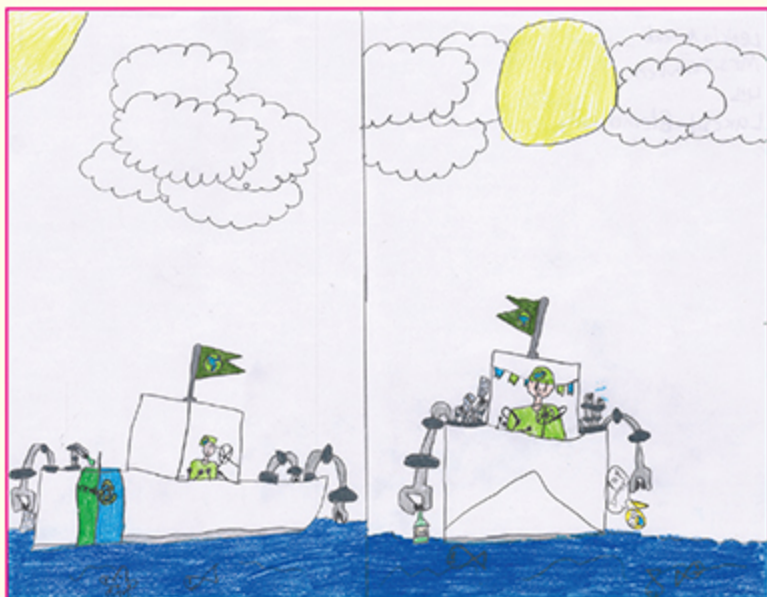


Nyesha Thomas • Deerfield Beach High School



Nicolas Posada • Silver Trail Middle School

HONORABLE MENTIONS



Leticia Amado • Lakeside Elementary School

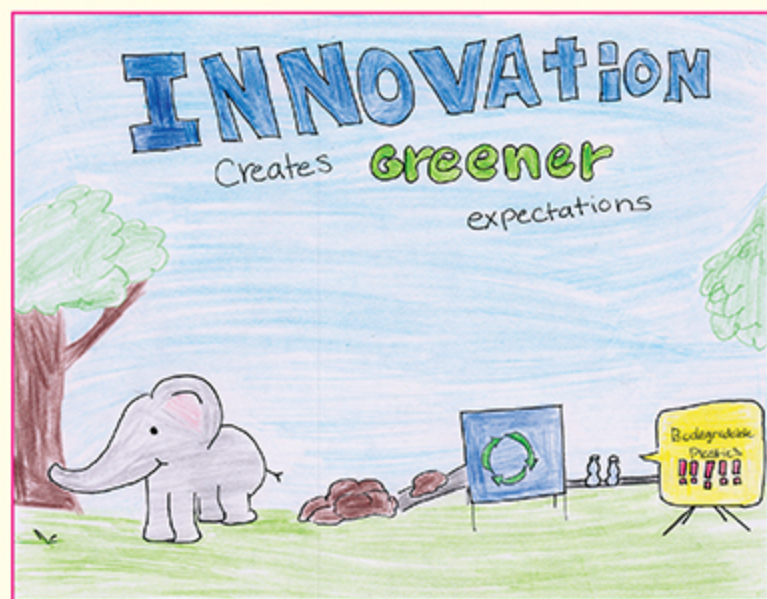


Amanda Ramirez • Lakeside Elementary School

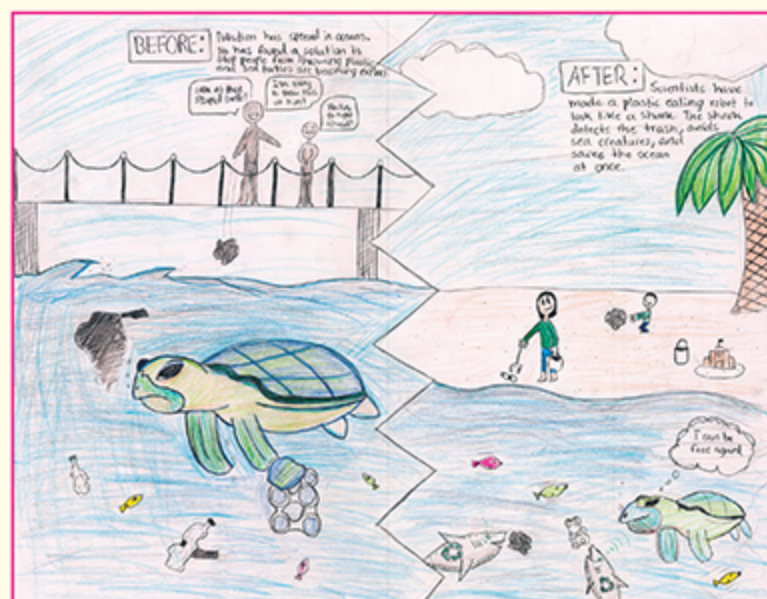


Thaisse Saint-Louis • Coral Park Elementary School

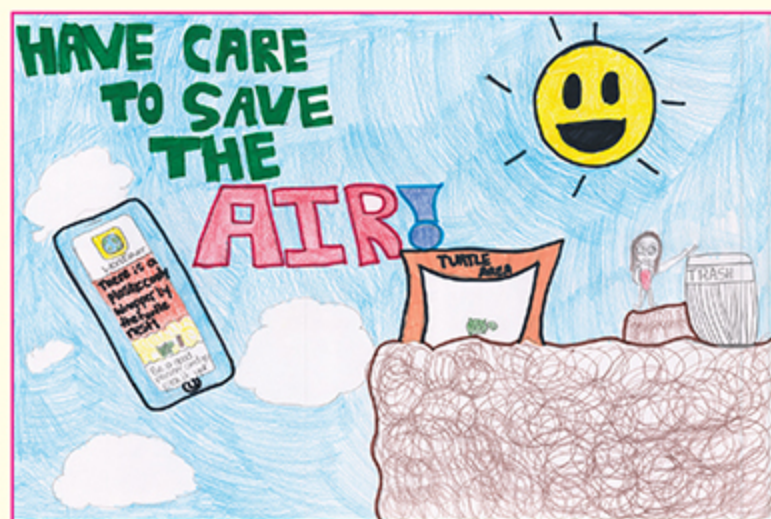
HONORABLE MENTIONS



Arlyn Villao • Deerfield Beach High School



Sophia Cepeda • Silver Trail Middle School



Ayla Kadribasic • Lyons Creek Middle School