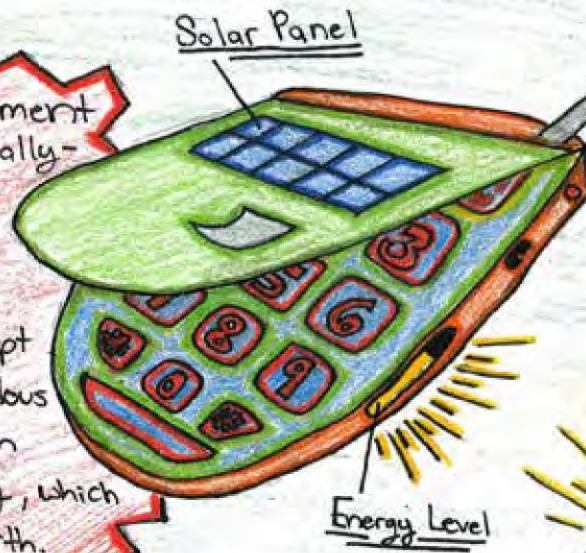
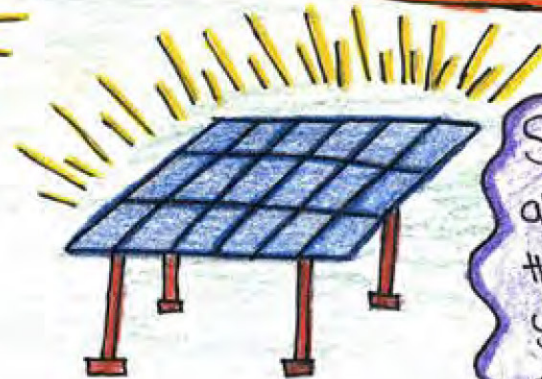


The Solar-Powered Phone

Help the environment with this environmentally-friendly cell phone. It is just like any other cell phone, except without all the hazardous toxic chemicals, such as lead and mercury, which harm our planet Earth.



"Let the Sun power up your life."



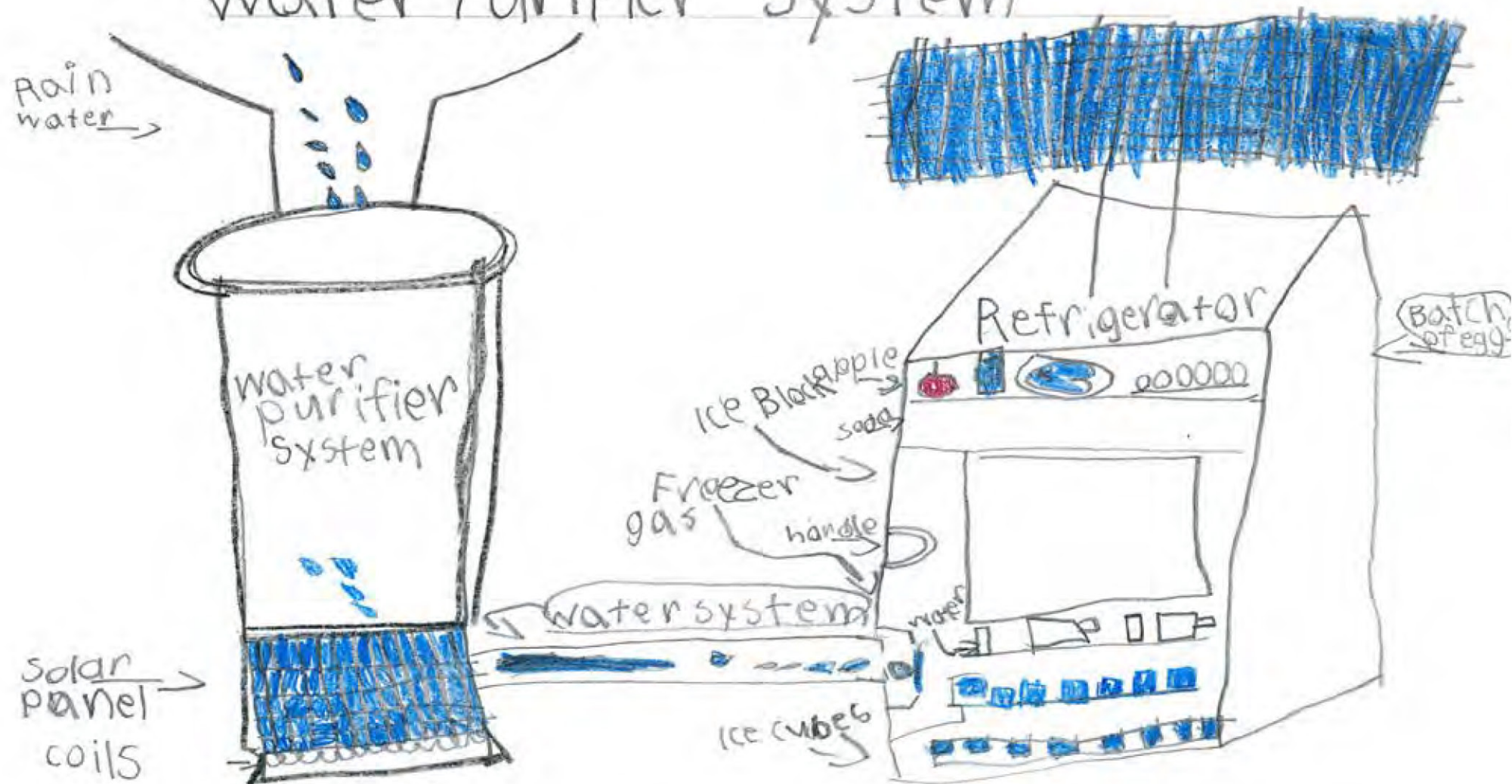
Solar Panels, like this, absorb the energy from the Sun and help power your phone, with no need for a battery!

This cell phone is the newest thing of the future. There is no need for batteries or any toxic chemicals with this cell phone. The sun helps charge the photovoltaic cells, which power the phone with no unnecessary cords to charge it. The energy level bar on the phone helps you know how much energy is left. So buy a solar-powered cell phone and "Let the sun power up your life."

JANUARY 2015

Tomas Gimenez-Beron
Nova High School – Grade 11

My Solar Powered Refrigerator and Water Purifier System



Energy for this invention comes from the sun's rays hitting solar panels. The rainwater system catches rainwater, which falls into a water purifier. It then goes into a system that makes ice cubes and clean drinking water. The rest is made into an ice block system, which cools food and drinks in the refrigerator. This invention can help give people without electricity clean water, ice and a place to keep food cold.

FEBRUARY 2015

Connor Fahy
North Andrews Gardens Elementary – Grade 2

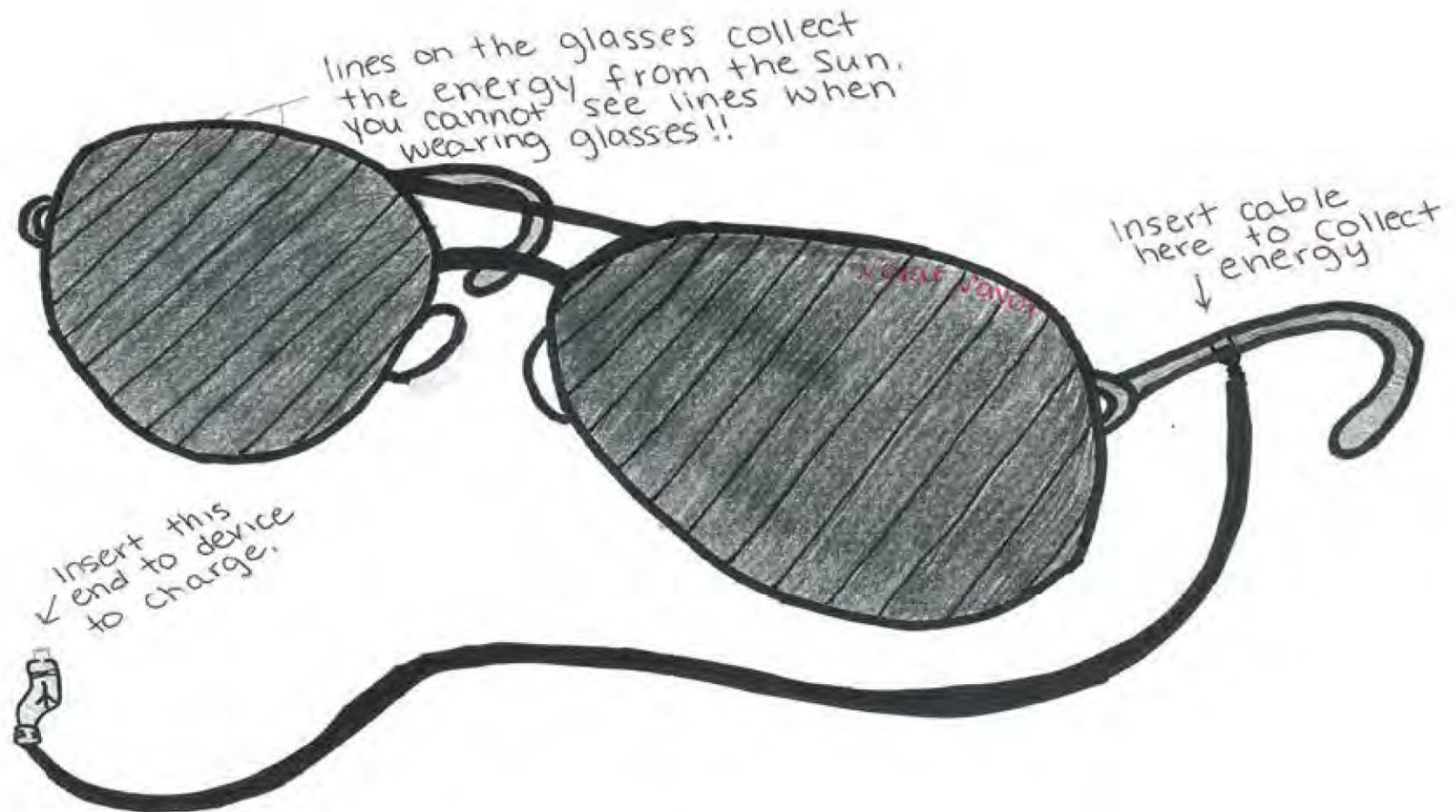


My invention is Solar Sunflowers — the future in solar panels. Typical solar panels are big and bulky on your roof, but Solar Sunflowers are built into a more practical, decorative sunflower shape. You simply “plant” the Solar Sunflowers in your yard and they harness enough energy from the sun to power your entire house! The Solar Sunflowers are meant to look identical to real sunflowers and cost far less than a solar roof panel. Solar Sunflowers are colorful and beautiful to look at, work in conjunction with nature, and best of all they require no water or fertilizer!

MARCH 2015

Alison Irving
Deerfield Beach Middle School – Grade 8

Solar Saver



This solar invention looks like your basic everyday sunglasses. It is called the "Solar Saver". With the Solar Saver, you wear them like you would any other pair of glasses. The special feature of it causes the glasses to absorb the sun's energy and that energy can charge your cell phone, iPod, or any electronic device with the attached cable. The cable connects on the side of the glasses and you hook the other end to the device you wish to charge. With the energy collected from the sun, the sunglasses can charge the device without any electricity being used. This invention is very stylish, portable and safe for the environment.

APRIL 2015

Nikita Nelson
Plantation High School – Grade 11

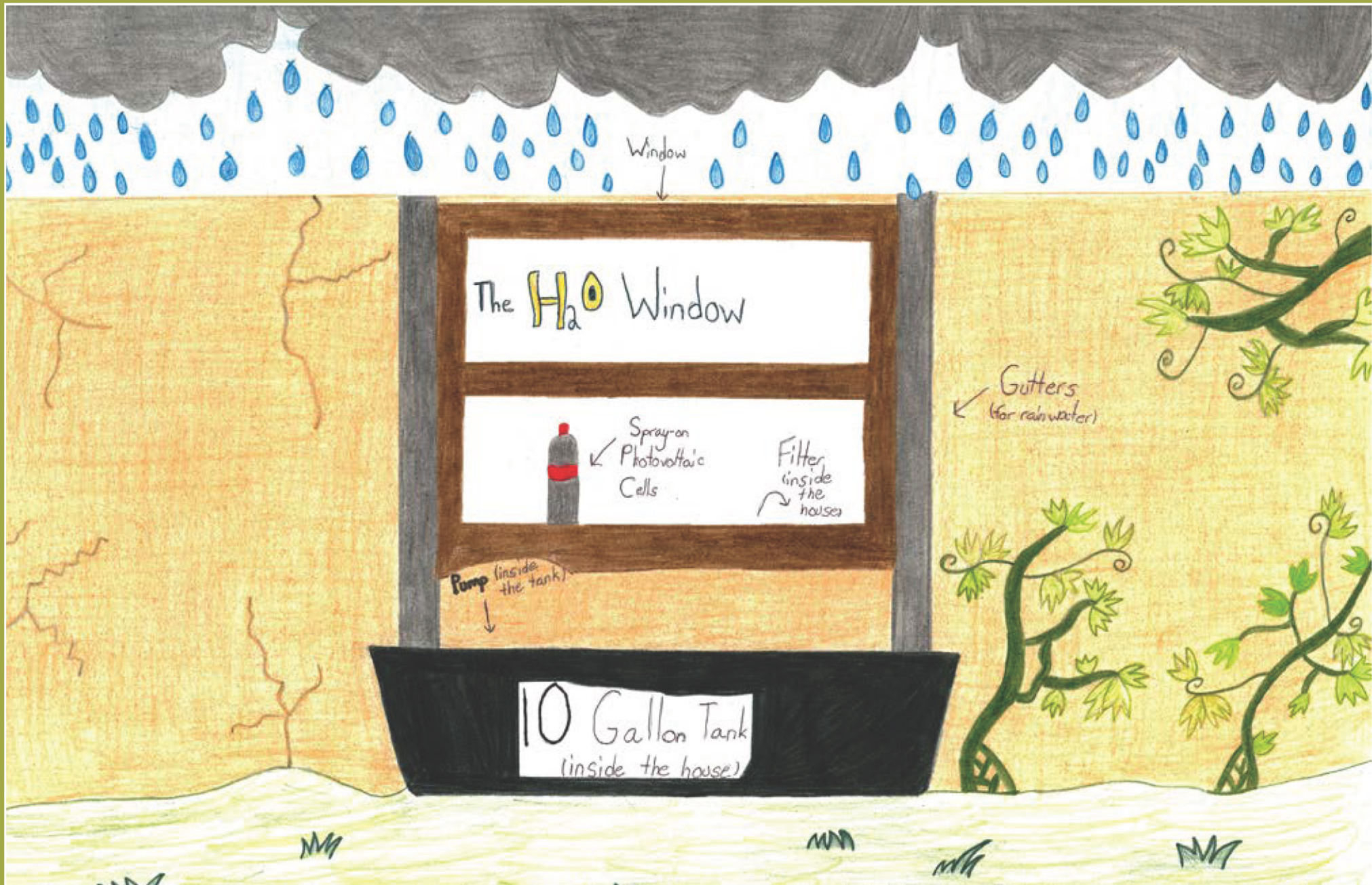


Sun + Progress will clean up our mess!

It's about time we took care of the island of plastic floating in our oceans. My solar invention was inspired from a rechargeable robotic cleaning device that cleans floors, but mine filters trash from the ocean surface. It sucks up the plastic, compacts it into bricks and then uses it's GPS to take it to a port, where workers recycle the plastic and dispose of the trash properly.

MAY 2015 Clean Air Month

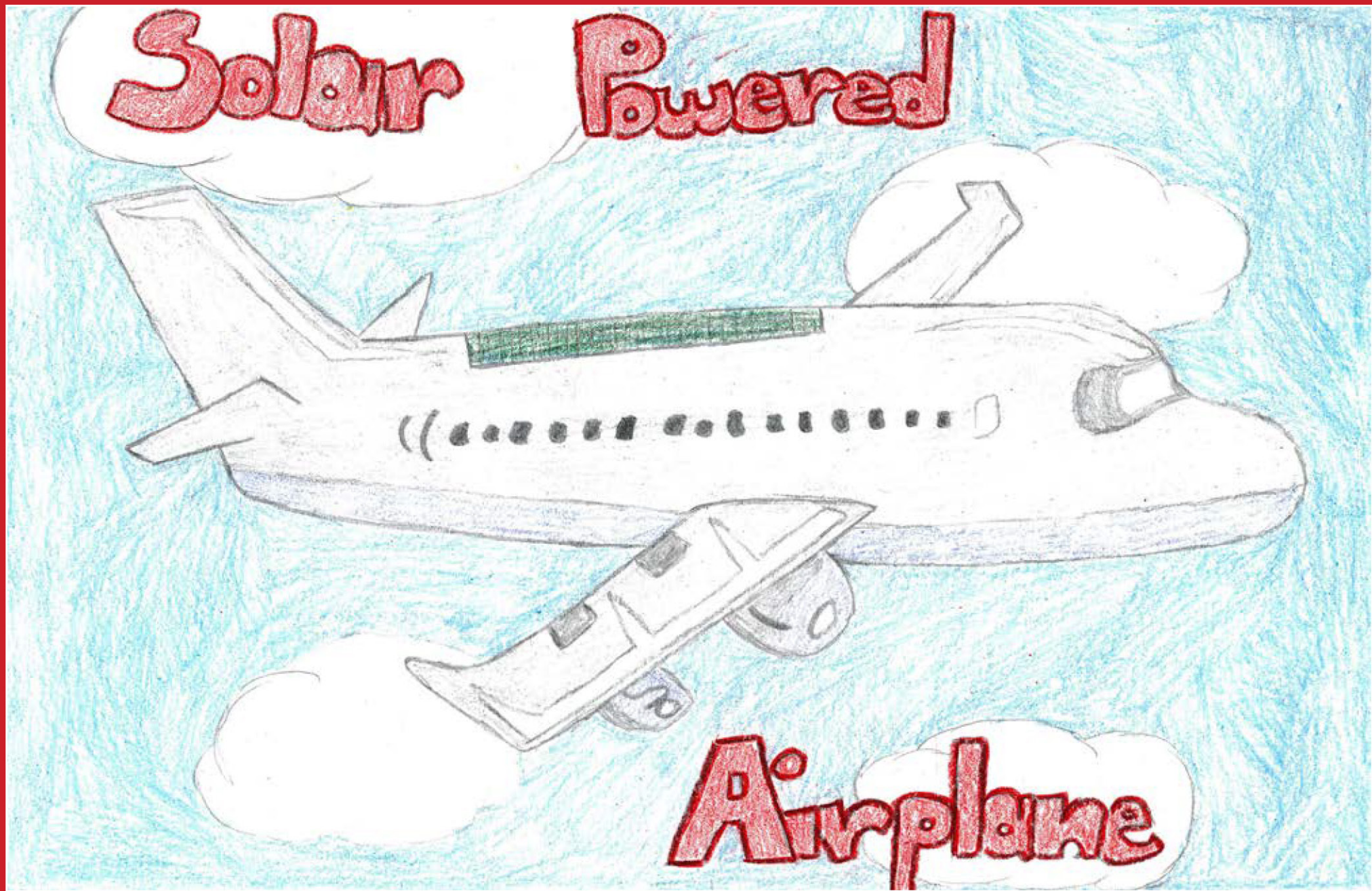
Kiara Garcia
Virginia Shuman Young Elementary – Grade 5



The H₂O Window converts solar energy into electrical power to purify water for drinking when a natural disaster occurs. Rain water flows down a series of gutter pipes into a central holding tank. Water is then pumped through the carbon filtration system by a solar powered pump, which results in clean fresh drinking water. This system could be used worldwide helping victims during any disaster and also reduces our carbon footprint by using solar energy.

JUNE 2015

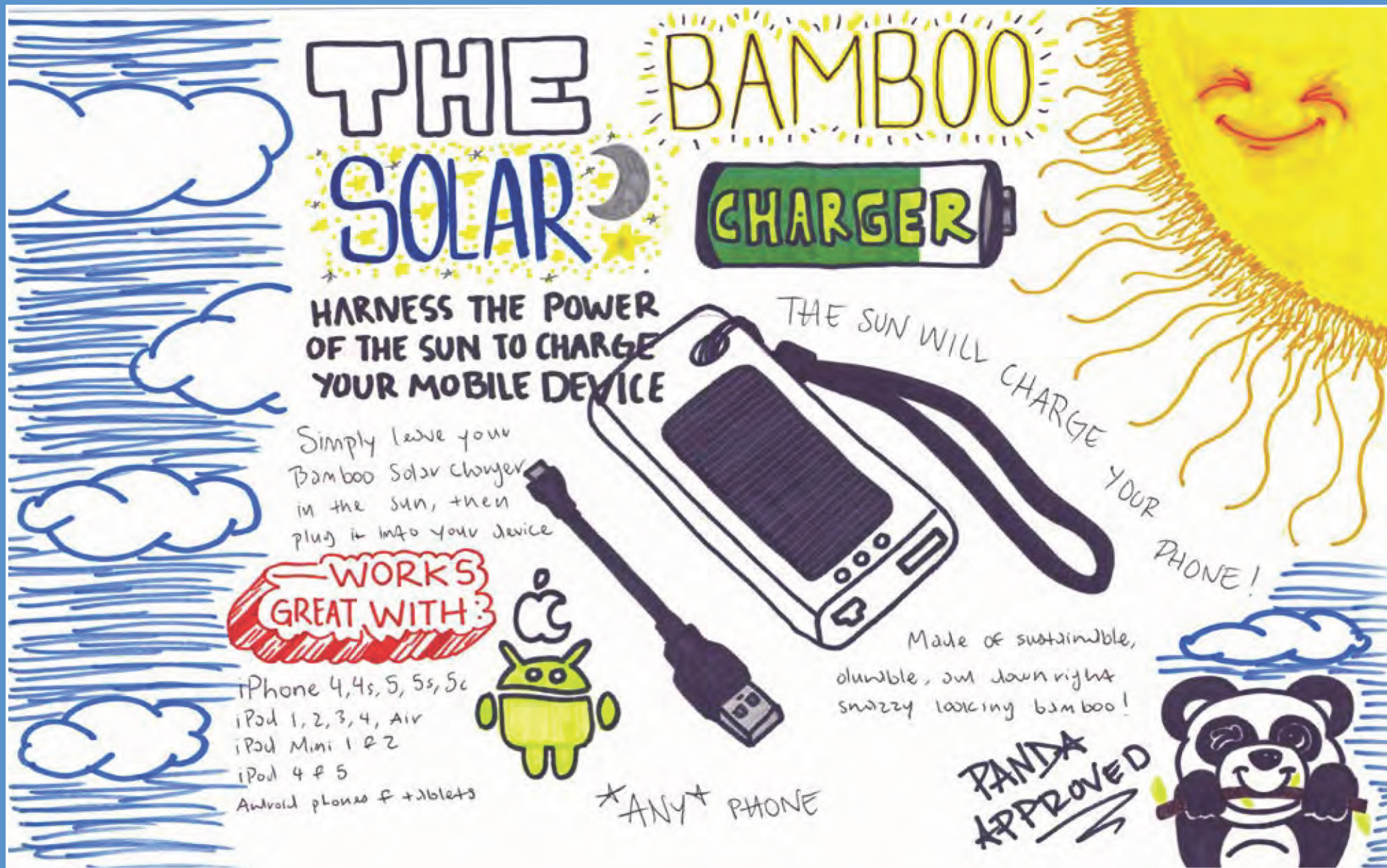
Regina Duchak
Quiet Waters Elementary – Grade 5



The solar powered airplane would have solar panels covering the top of the plane to power the engine instead of jet fuel. It could also charge the lights, TVs and technology on the plane. Jet fuel exhaust pollutes the air and uses important resources. The solar panels would help clean the air and conserve Earth's resources.

JULY 2015

Sarah Seng
Pioneer Middle – Grade 7



The bamboo solar charger is a portable charger that converts sunlight to electricity to charge devices ranging from Android and Apple phones to tablets. An included cable also lets you power up through your computer or wall charger. The bamboo solar charger prevents you from being stuck somewhere without any way of contacting someone to come to your rescue. It allows you to charge your device at the beach while you both soak up some sun. You can enjoy a nice picnic on a Saturday afternoon with your friends, all while charging your phone so you can take those awesome pictures you would want to publish on Instagram or Twitter to show all your friends and family.

AUGUST 2015

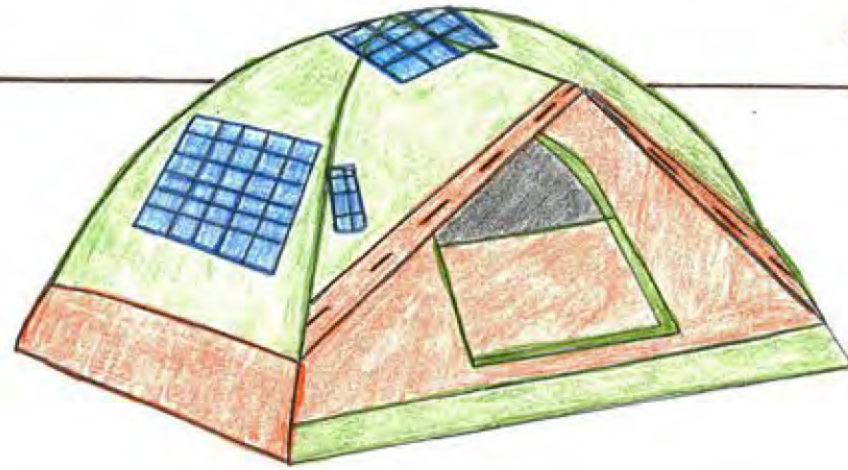
Andres Perea
Hallandale Adult Community Center – Grade 12



My invention is a Solar School. The Solar School opens a really big window to show the solar panel the sun and it gives you electricity to use the computers. The Solar School helps people by using less electricity and save money for things you need. The Solar School helps the earth use reusable instead of using non-renewable items.

SEPTEMBER 2015

Abigail Y. Ramos
North Andrews Gardens Elementary – Grade 4



You provide the need.
We provide the rest.

Solar Powered



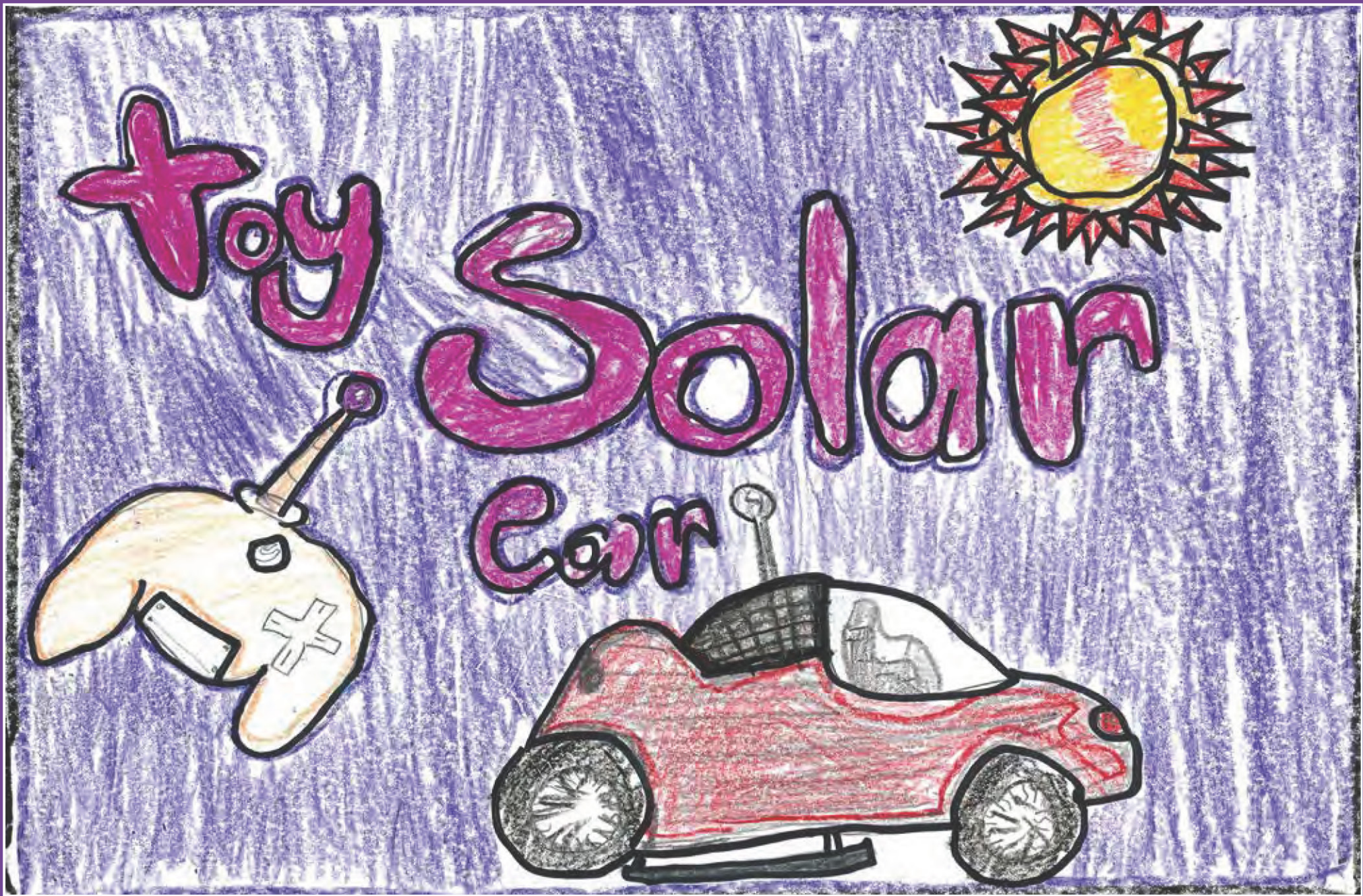
Tent



The sun's light contains energy and when this energy hits the solar panel on the tent, it turns into an electrical current that you can then harness for power. Now families that go camping can use the energy from their tents to charge an emergency cell phone, tablet, mp3 player or camera. It also provides light by glowing and temperature control. That is the way my Solar Powered Tent works.

OCTOBER 2015

Markaly Avril
Nova High School - Grade 11



The Solar Car will be good for our environment. It will save oil and it won't need electricity so it will never run out of energy.

NOVEMBER 2015

Bryan Fevry
Pembroke Lakes Elementary – Grade 5



Welcome to the Sunsational Solar Shopping Mall, the first mall entirely solar powered! Solar panels are placed on the rooftop of the building to create the power. The energy captured by the panels can be used right away or stored in batteries. The solar powered escalator has weight sensors, so it only runs when people are on it, saving energy. The inflatables (bounce house, slides, decorations, etc.) run on solar powered generators.

DECEMBER 2015

Isabel De Angelis
Pioneer Middle School – Grade 7