



THE NEXT GREAT AMERICAN INVENTOR

Grand Prize Winners

Grades 1–2, 3–4, and 5–6

**U.S.A.
GOLD[®]**

Grades
t1-6

THE NEXT GREAT AMERICAN INVENTOR

STUDENT WORKSHEET

Student Name: Angelina Siletto Student Grade: 1st grade

School: Carver Center Teacher Name: Mrs. Rachel Barsey

Name of my invention: THE 3 IN 1 RECYCLING BOX.

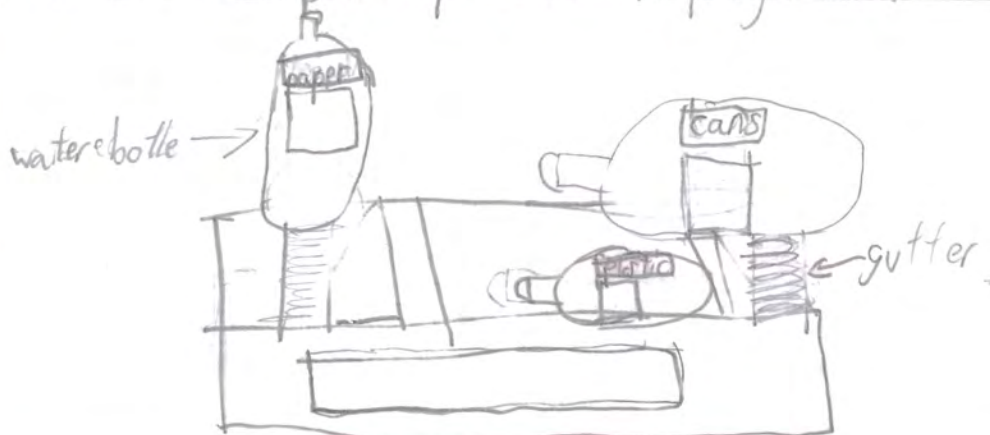
What is the problem my invention solves/addresses? My problem is that I can't keep my small recycling stuff organized and there aren't easy to find.

How does my invention solve the problem? I invented a box with walls that helps me find and keep organized my small recycling stuff.

INVENTION IDEA

Illustrate and/or describe your invention.

My invention is a cardboard box with 3 walls and windows. The windows will be made of cut plastic water bottles. The cardboard box will be painted with the peppermint color. The lid is made of cardboard too. It will have cut squares so gutter tubes will fit in them. On the top of the tubes there will be two milk jugs and one water bottle. Each of these containers will have a hole cut as doors where I will put my small recycling stuff.



THE NEXT GREAT AMERICAN INVENTOR

STUDENT WORKSHEET

Student Name: Gary Leschinsky Student Grade: 3

School: Betsy Ross Teacher Name: Angela Nocito

Name of my invention: A-watch for allergies.

What is the problem my invention solves/addresses? children with allergies can't always explain to their parents that they're having an allergic reaction

How does my invention solve the problem? A-watch for allergies has sensors that can detect early symptoms of an allergic reaction and notify an adult.

INVENTION IDEA

Illustrate and/or describe your invention.

A-Watch for Allergies

- wrong food eaten

- Body thinks it's an invader

- Cells release histamine

- Body sweats

- Blood pressure goes down

- Heart beats faster

Alarm

- sensors activated

- Alarm sounds

EPI-PEN

- skin gets red and itchy

A-watch for allergies has sensors that can detect early symptoms of an allergic reaction: skin redness, itching, increase in heart rate and sweating. It will notify an adult and help locate the child and the epi-pen.

Grades
t1-6

THE NEXT GREAT AMERICAN INVENTOR

STUDENT WORKSHEET

Student Name: Lily Plowman Student Grade: 6th grade

School: Drummond Island Elementary Teacher Name: Mrs. Plowman

Name of my invention: The "Finger Saver"

What is the problem my invention solves/addresses? A door can have 80,000 pounds of pressure per square inch and sever little fingers.

How does my invention solve the problem? The "Finger Saver" automatically protects fingers from being severed or crushed in a door.

INVENTION IDEA

Illustrate and/or describe your invention.

My friend Drew amputated his finger in a door. Thousands visit the ER yearly because of fingers hurt in doors. Surgeons reattached Drew's flesh and bone but he will lose digit feeling and function.

My invention is an automatic doorstop that saves fingers. The "Finger Saver" has electronic eyes that upon seeing an obstruction near a door's casing, will drop a U-shaped doorstop preventing crushed or severed fingers.

Manual doorstops do exist, but aren't practical. My "Finger Saver" once installed, will always be in place.





Dear Scholastic,

This is me and
my friend, Drew.

This picture was taken
3 days after Dr. Gary ~~had~~
reattached Drew's finger.
Help me make my
invention happen!

Lily