



Towle Bridge

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*Autumn has begun to show
her temperatures and colors!*

*“Be glad, people of Zion, rejoice in the
Lord your God, for he has given you the
autumn rains because he is faithful.
He sends you abundant showers, both
autumn and spring rains, as before.”*

Joel 2:23



ACADEMIC SPOTLIGHT



NEW HIGHLIGHT

Congratulations to Autumn Hall as she joined Towle's Academic Honor Society, Tau Xi (she is joined in the picture by Mrs. Kaliakin (advisor), Alex Irwin, Abby Watts, Mrs. Watts (advisor)).

TOWLE NEEDS YOU!



Don't miss out on this great opportunity to be part of a team with friends! Open Gym Schedule - Combined Girls & Boys (no commitment necessary, come check it out!)

All open gyms and practices will be held at Grace Church, 355 Paper Mill Road, Newark, DE 19711

Wednesday 11/1 3:30pm - 5:30pm

Friday 11/3 3:30pm - 5:30pm

Wednesday 11/8 3:30pm - 5:30pm

Friday 11/10 3:30pm - 5:30pm

Regular practices will begin the week of November 13th

Tuesday 11/14 combined 5:30pm - 7:30pm

Wednesday 11/15 girls 3:30pm-5:30pm/boys 5:30pm - 7:30pm

Friday 11/17 combined 3:30pm - 5:30pm

*times of practices going forward are subject to change as we see how many players we have for each team.

Questions: Contact Sara Chick at sara.chick@towleinstitute.com or 302-584-0709.

GO LIONS!

10th Annual Stroll for Towle



Help us celebrate Towle's 30th Year by participating in and getting sponsors for the 10th Annual Stroll for Towle fundraising walk on **Saturday, October 21st at 10 am** (rain date October 28th).

We will meet at Grace Church, 355 Paper Mill Road, Newark, DE 19711, walk to the Newark Reservoir, and lap around the reservoir. We will then head back to the church parking lot for snacks and fellowship!

We are asking all students, with the help of their parents, to send the sponsor form to friends, family members, neighbors, and any others who can help support your student's efforts in walking to raise money for Towle (don't forget Towle alumni and former teachers)! You may email the sponsor form or give it out to family and friends. The great thing about this fundraiser is that 100% of the funds raised will go directly to supporting Towle! Sponsors may send a check to Towle, give their donation to you to drop off at Towle, or they may donate online through the website. (Just click on the "Donate" button at www.towleinstitute.com)

The class with the highest participation in obtaining sponsors will earn a free Chick-fil-A lunch!

Note: If you have ANY questions please contact Sara Chick at 302.584.0709 or sara.chick@towleinstitute.com

2023 Stroll for Towle

On **Saturday, October 21st (Rain Date: October 28th)**, Towle Institute will hold our **10th Annual Stroll for Towle** fundraiser. We will be walking or jogging the Newark Reservoir and I am hoping that you will sponsor me!

I would also love for you to come cheer me on or join me for part of the time. We will start around 10am from the parking lot of Grace Church, 355 Paper Mill Road, Newark, DE 19711. There will be snacks at the end for a short time of fellowship!

Thank you,

ALL GIFTS ARE TAX DEDUCTIBLE

Donate Online at www.towleinstitute.com

Or Cut here and return bottom portion with -----

<p><u>Please Make Checks Payable To:</u> Towle Institute P.O. Box 580 Hockessin, DE 19707</p>
--

Walker's Name(s): _____

I am enclosing a donation of:

_____ \$10.00 _____ \$20.00 _____ \$35.00 _____ \$50.00 _____ \$100.00 _____ Other

Sponsor's Name: _____

Sponsor's Address: _____

Sponsor's Email Address: _____

Getting to know...

ALEX IRWIN - SENIOR SPOTLIGHT

"For we are God's masterpiece . He has created us anew in Christ Jesus, so we can do the good things he planned for us long ago."

EPHESIANS 2:10
NLT

What are your plans after you graduate?

I am planning on attending college (University of Delaware, Penn State, or Liberty) and majoring in biomedical engineering. I hope to meet my future husband and get married and have kids

What are some of your hobbies or activities?

I love art, particularly drawing and painting. I also enjoy needle felting (which is basically stabbing things as therapy), listening to music (especially musicals, Christian, pop, and alternative rock), knitting, swimming, playing pickleball, scrapbooking, and reading.

What is your dream vacation?

I would love to go to Europe and visit England and Ireland (for the accents) and Italy (for the food, art, and architecture).

What is your favorite class?

My favorite class this year is Anatomy, because I love science (with the exception of physics *barf*)!

What is the best ice cream flavor?

Cookie dough all the way!!!

What is your favorite part about going to Towle?

My favorite part is hanging out with my friends in study hall. Now that I'm a senior, we're able to take road trips, like going to Dunkin



What has been your biggest challenge in highschool?

I've had a lot of challenges, but the biggest one would probably be being forgetful about obvious things, like bringing pencils to school.

Describe yourself in three words.

I am Alex.

What is one of your goals?

I've always dreamed of naming my son... SCOTT!

Who's your biggest role model?

It would have to be a tie between my mommy, my daddy, and Jesus ;)

Getting to know...

MCKENZIE RILEY

Hello, my name is Mackenzie Riley. I am 15 years old and a Junior here at Towle. This is my first year of high school at Towle, however I did go to Towle pre-covid from 4th to 6th grade. In my free time I enjoy partaking in almost every form of art and also writing. I am very excited to be part of Towle's newsletter this year, and hope you all enjoy reading!



PIPER VANDYKE

 Interviewed by Mackenzie Riley

Where did you go to school before Towle?

Homeschooled completely prior to Towle

Do you have a favorite subject?

English

What is your favorite holiday?

Christmas

What is your favorite food?

Hamburger Helper

What is your favorite place to go on vacation?

Universal Studios

If you could have any superpower, what would it be?

Invisibility



MCKENZIE MCMAHAN

 Interviewed by Emily Matthews

Where did you go to school before Towle?

I was homeschooled.

Do you have a favorite subject?

My favorite subject is math.

What is your favorite holiday?

Christmas

What is your favorite food?

Tacos

What is your favorite place to go on vacation?

South Africa

If you could have any superpower, what would it be?

Teleportation



Getting to know...

MRS. “K” (LEEZA KALIAKIN)

Mrs. Thorp left big shoes to fill and I am the one who is taking the helm of the Towle Bridge newsletter for this school year! Most people at Towle simply call me “Mrs.K”

I had attended Rutgers University (RU) in New Jersey, where I studied French and German. Soon after graduating, I again went to RU for a Master’s in Library and Information Sciences. I can share many stories from the time I worked at UC Berkley in California (this place attracts very unique people!)! In addition, I had lived through the Loma Prieta earthquake in 1989 (very scary stuff!).

My biggest joy in life has been the family that God blessed me with. I enjoyed homeschooling our four children who are now all grown up! I have been connected with Towle in various capacities ever since 2005! That’s a long time! What stories would you like to see in your newsletter? You are always welcomed to email me with ideas!

Elizabeth.kaliakin@towleinstitute.com

Heartfelt thanks go out to my wonderful assistants – Mrs. Faith Miller, Emily Matthews, Mackenzie Riley, and Kelly McHugh! We are working hard to make Towle Bridge a fun and informative newsletter for you to enjoy!



"Therefore, if anyone is in Christ, he is a new creation. The old has passed away; behold, the new has come."

2 CORINTHIANS 5:17
ESV

The Mighty Monarch Butterfly

WRITTEN BY EMILY MATTHEWS AND MACKENZIE RILEY



Monarch butterflies, also known as *Danaus plexippus*, are amazing insects.

Like other butterflies, they go through a four stage life cycle including egg, larvae, pupa, and then adult. They are unusual, however, as they are the only kind of butterfly that can travel thousands of miles in a 2-way migration. There are about four generations of monarch butterflies every year, but only the last generation migrates. This last generation of butterflies lives up to eight times longer than the average adult monarch.

As the summer ends and food sources grow more limited, monarch butterflies begin their migration to warmer, more hospitable locations where they spend the winter. Not all the butterflies travel to the same place, though. Monarch butterflies east of the Rocky Mountains migrate several thousand miles to Mexico while monarch butterflies west of the Rocky Mountains make a much shorter journey to the Californian coast. Both locations offer similar conditions that attract swarms of butterflies each year.

Most monarchs begin their migration during the second half of August and reach their destinations around mid- to late October. They journey up to an astonishing 3,000 miles, but cover that distance rather quickly by flying 50 to 100 miles per day. The butterflies also make regular stops between flights to eat and rest before continuing on their way. After crossing miles of land and even water, they arrive at either Mexico's mountains or California's coast. Although monarchs are capable of reproducing during the winter, the migratory generation lives longer by conserving the energy they would otherwise use for reproduction. In addition, the winter months are still cool even though the monarchs migrate to warmer locations. Cooler temperatures also slow the butterflies' metabolisms, causing dormancy. They go into something called diapause, which means that they rest and hang all winter.

Unfortunately, the forests in Mexico where a large portion of these butterflies migrate to are currently very threatened and are being destroyed quickly. These forests are crucial to the survival of monarch butterflies during the winter, but luckily, scientists are working to find other ways to help these animals survive throughout the winter months. That way they can survive for future generations and continue on as the mighty monarch butterflies they are today.

<https://www.britannica.com/animal/monarch-butterfly>

<https://monarchjointventure.org/monarch-biology/monarch-migration>

https://www.fs.usda.gov/wildflowers/pollinators/Monarch_Butterfly/faqs.shtml#:~:text=Monarch%20butterflies%20typically%20live%20from,will%20nectar%20on%20the%20flowers

Favorite Candy

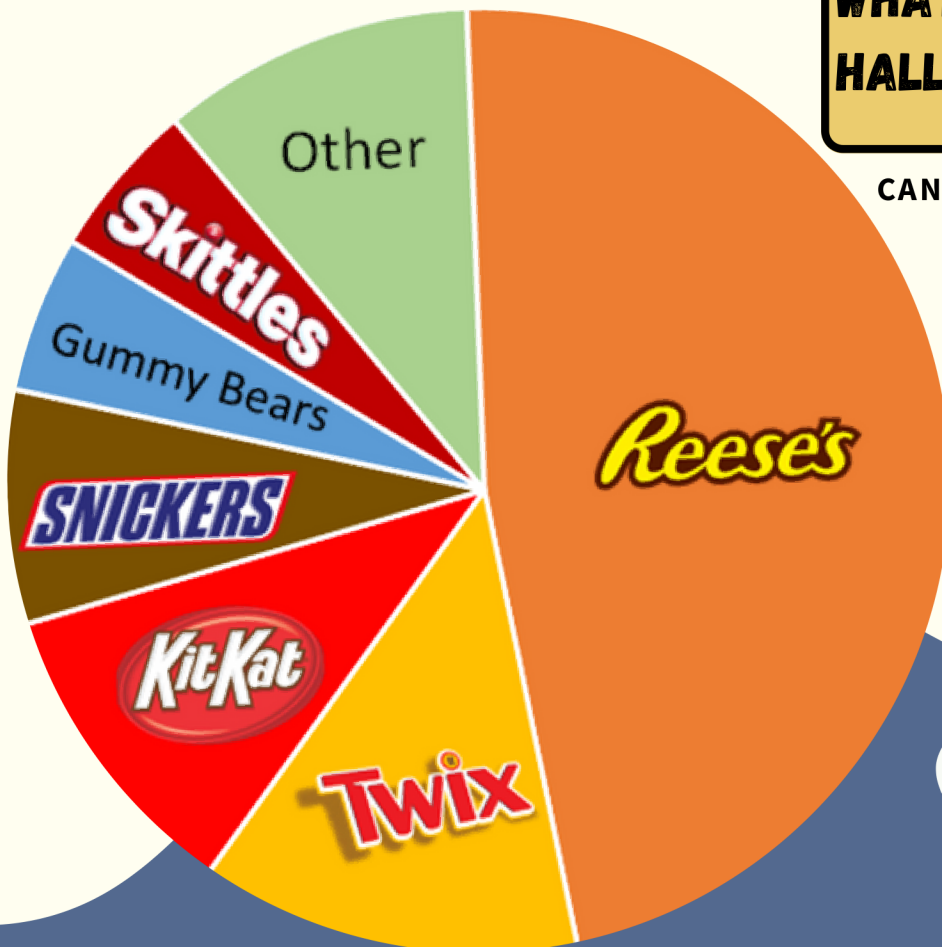
SUMMARY BY EMILY MATTHEWS

Although about 70% of people in the United States participate in Halloween celebrations each year, the staggering 600 million pounds of candy purchased for the holiday remains an astonishing statistic. However, popularity among the different candies is unevenly distributed, as the above results from our survey across Towle demonstrate. As in the Towle results, Reese's is the most popular Halloween candy across the United States by an overwhelming percentage. According to a poll published in 2022 by candystore.com, Skittles and M&M's are the second and third most popular Halloween candies. Starbursts, Hot Tamales, Sour Patch Kids, Hershey Kisses, Snickers, and Tootsie Pops quickly follow. Of course, candy corn completes the list of the ten most popular Halloween candies.



WHAT IS YOUR FAVORITE HALLOWEEN CANDY?

CANDY SURVEY BY KELLY MCHUGH



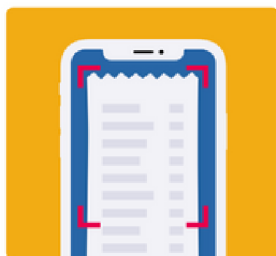
Towle
Survey Results

EARNING IS EASY!



BUY
BOX TOPS
PRODUCTS

Earn for schools with HUNDREDS of products from brands you love.



SCAN
YOUR
RECEIPT

Use the Box Tops app to submit your receipt within 14 days of purchase.



EARN
CASH FOR
SCHOOLS

Box Tops products are identified and earnings are credited online.



NO MATTER WHERE YOU SHOP, YOU CAN EARN WITH BOX TOPS.



IN-STORE

If you receive a paper receipt, a quick scan with the Box Tops app will identify participating products and automatically credit your school's earnings online.



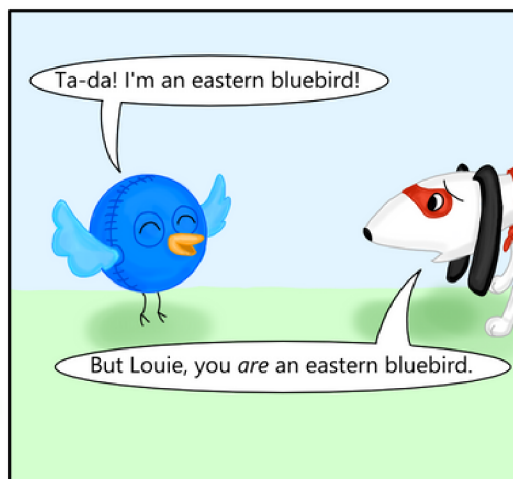
ONLINE

Whether you've ordered groceries for delivery or pickup, shopped through your store's app, or requested an email receipt at checkout, you can earn Box Tops with digital receipts too.



October 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Week 5 School / Senior Picture Day	3	4	5 Drama	6	7
8	9 Week 6 Columbus Day	10	11 Labs	12 Drama	13	14 PSAT
15	16 Week 7	17	18	19 Drama	20	21 Stroll for Towle!
22	23 Week 8	24 Mapping Night 7-9pm	25	26 Drama	27	28
29	30 Week 9 End 4/5 Introduction Plant Study / Botany Senior Spirit Day	31	Notes:			



Emile Matthews

2023-24 Lab Schedule

(Wednesdays-WCEC)

First semester

October 11th

Time Slot	Course	Course
8:30 - 10:30 am	Health	Anat. & Physiology
10:30 am - 12:30 pm	Chemistry	Biology

November 8 -- Follow Lab schedule above

December 13 -- Follow Lab schedule above

December 13 -- Science Fair

Merry Christmas!