

# GOPIIONEER

July 2022

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Rolex Specialist

## EMBRACING STEAM

Learn how STEAM-based learning can  
help prepare your kid for the future.

Pg. 01

## FOCUS ON.

Kelley Jewelers

Pg. 09

## Just Keep Learning

Five cool resources to  
help keep your mind sharp. Pg. 07

# OVER 13

STEAM-related  
apps inside!

# Letters<sup>from</sup> LEADERS

**Brenda Walta** - VP Finance and Administration /CFO

Summer break is finally here! The sunshine, fresh air, and great outdoor activities tend to brighten our spirits. Both adults and children tend to be more physically active during the summer. A few decades back when I was in school, summers were a time with less rigorous schedules. I was always so excited about my family's weekly trip to the library. Picking out that perfect book was their way to keep my brain active. This was back before everyone carried a cell phone. Computers were only used at businesses not at home and tablets were not yet imagined. Yes, I am showing my age!

Today, technology has changed the lifestyles of almost every American. We have so many tools at our fingertips no matter where we are. How many of us go anywhere without our cell phone? How many times a day do you find yourself looking at your cell phone? Reviews.org found that, on average, Americans check their phones 344 times per day or an average of every four minutes. 74% of Americans feel uneasy leaving their phones at home. 48% of people say they feel a sense of panic or anxiety when their cell phone battery goes below 20%. In summary, we are reliant on our cell phones.

Not only do we depend on our cell phone more today than in the past, but our use of tablets and computers continues to rise as we connect with services, resources, and even entertainment. None of this would be possible without broadband. We have become accustomed to jumping on the Wi-Fi wherever we are. Pioneer is now offering the GoPioneer SmartWifi App to enhance your Wi-Fi experience. This FREE app gives you the freedom to control your Wi-Fi experience in many ways. You can get real-time updates on your network security or even enhance it with parental controls and managing guest access. You have instant access to your network speeds, device usage and much more. With internet at our fingertips, it provides endless possibilities for students and families to dive into Science, Technology, Engineering, Arts, and Math (STEAM). Without reliable broadband, this would be much more challenging. The internet provides many educational opportunities, activities, and ideas related to STEAM.

Have a wonderful summer!



## Welcome to GoPioneer!

Our mission is to help the communities of Pioneer learn, evolve and move forward in the ever-changing world of technology.

We welcome feedback, story ideas, or any questions relating to this magazine, previous articles, or even your personal inquiries.

Baffled by your teen's obsession with emojis? Confused about why you get Wi-Fi in the garage but not in your bedroom? Let us know! This magazine is just as much yours as ours, and we are excited to help you become more adept in the tech world.

## Contact Us



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## Topic of May 2022:

### Competitive Gaming

Just because school's out, doesn't mean learning has to stop! This issue of GoPioneer focuses on STEAM learning. The combined force of Science, Technology, Engineering, Arts, and Math is a surefire way to help your young children, grandchildren, or even neighbors prepare for the future. There's almost 20 new sources of information and learning in here for people of ALL ages to explore. We challenge everyone to spend at least an hour a week learning something new.

Good luck and have a safe, fun, EDUCATIONAL summer!

# CONTENTS

## Features

Embracing STEAM .....01  
Learn how STEAM-based learning can help prepare your kid for the future.

STEAM Related Apps for Summer.....  
Explore the following spreads to find an app or website for various STEAM related activities!

Science ..... 03  
Technology and Engineering..... 04  
Arts..... 05  
Math..... 06

Just Keep Learning ..... 07  
You're never too old to learn. Explore some cool resources to help keep your mind sharp.

## Inside Pioneer

FOCUS ON Kelley Jewelers..... 09  
Learn what this renowned jewelry store in Weatherford, OK has to offer.

STEAM Summer Camps .....11  
Want to explore some camps for your kids this summer? Check these out.

## Community

Meet our Pioneer Scholar.....13  
Learn more about senior Brady Bowles and what inspired him to become a physical therapist.

Family Recipe .....15  
Cheryl Yost promises that her mother's Caramel Corn will be hard to put down.

Community Events.....16  
Check out some of these awesome 4th of July Celebrations!

Anniversaries..... Back  
Help us celebrate the 25+ year anniversaries in our communities.



# SPEND TIME THIS SUMMER

# STE

SCIENCE • TECHNOLOGY • ENGINEERING

## THE DOOM LECTURE

comes in many shapes and sizes, but at its core is one truth: the jobs today won't exist tomorrow. In a world fueled by constant information access and the rapid growth of technology, jobs are becoming obsolete quicker than ever. We tell college students to prepare to change industries within the next decade, while young students are warned that robots will take hold of the job market. Yikes. It's disenchanting, but not completely untrue. However, instead of pushing on the doom-warning of the 21st century, most young students can prepare for the future by mastering the four C's to the 21st Century.

According to the National Education Association, there are four primary skills to being successful in the 21st century: **C**ommunication, **C**ollaboration, **C**ritical Thinking and Problem Solving, and **C**reativity and Innovation. Having a grasp of these skills allow us to accurately share our thoughts, questions, ideas, and develop timely, innovative solutions. I know this sounds overwhelming, but fortunately, we already have a fantastic education-piece in place to help humanity begin mastering these skills: STEAM.

STEAM might look a little familiar, if not a little long. If you graduated before 2017, you've probably heard of the term STEM, a shorter acronym popular in the early 2000s. STEM (Science, Technology, Engineering, and Math) was coined in 2001 and became the leading education movement when we entered the fourth industrial revolution. The fourth industrial revolution combines cyber-physical systems, the Internet of Things, and the Internet of Systems. This is the most complex revolution yet, which means STEM needed to evolve to help prepare the next generation. STEM focused on the hard scientific, technological, engineering or mathematical skills to drive progress or create a new concept. While this worked for a while, researcher Georgette Yakman believed there was a usefulness for incorporating ideas of creativity and innovation often seen in art. Since introduced in 2006, STEAM has been widely accepted and incorporated into the U.S. education system.

STEAM-based learning brings together five critical disciplines: Science, Technology, Engineering, Art, and Math to create an inclusive learning environment. STEAM allows students to begin mastering the four C's and develop their own curiosity and passion. The holistic approach of STEAM encourages learners to use both the left (logic) and right (creative) sides of their brains; a necessity in the 21st century. Regardless of their role or industry, people need to have a set of well-rounded skills that help them

adapt to the evolving workforce.

Though there are thousands of resources, websites, and books that you can use to teach STEAM concepts, it isn't always easy to find a place to start. The next few pages have many cool resources and apps that you can use to help your student learn at home. Challenge yourself this summer to take a break at least once a week to introduce a STEAM concept to your young learners.

# YOU'RE NEVER TOO OLD TO LEARN

**- Henry Ford**

## TAKE TIME TO LEARN SOMETHING NEW





Science is one of the most broad subjects in STEAM! You can cover topics like energy, matter, force and space—which all fall under physics, or turn to biology, which focuses on the study of living organisms. There's also chemistry, which introduces students to the study of chemicals and elements. There are many resources and apps available for teaching science — making it hard to choose just a few. Here are some of our top picks!

### SkyView



🍏 \$2.99

🤖 Free

*SkyView Lite\**

Explore the universe with your smartphone! Find stars, constellations, planets, and much more. Best of all, this app doesn't require WiFi to use. If you're out on a camping trip you can still embrace your inner astronomer. Though this app is exclusively for Apple, the creator has a Lite version for Samsung devices\*.

### PictureThis - Plant Identifier



🍏 \$30/year

🤖 \$30/year

With the ability to snap a quick pick to identify any plant, this app is great for the budding botanist or overwhelmed plant mom. What sets this app apart is its "diagnose" section which helps diagnose your plant's problems with just three shots of your saddest plants. There's even an 'Ask an Expert' section to get you professional advice. PictureThis will cost you, but you get a seven day free trial to decide if the \$30 a year price is worth it.



**Want to make it hands on?** Grab a bag of mini marshmallows, toothpicks, a sheet of black paper, and a constellation map to make marshmallow constellations. Take your young astronomer out later that night and see if they can spot the constellations they made and use the app to discover more about it!

### Arduino Science Journal



🍏 Free

🤖 Free

Do you have a budding scientist in your life? The Science Journal uses sensors in your phone to take light, sound, pressure, and motion readings. Within the app, you can easily take notes and photos of your experiments and observations making this a quick, useful resource for anyone wanting to embrace their inner nerd.

### Tappity: K-5 Science for Kids

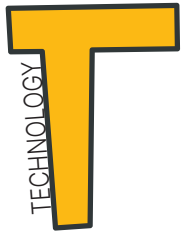


90 days. Pretty cool!

Tappity is a popular app that allows users to explore scientific content. Created by educators and storytellers, learners can explore 100s of interactive topics that interest them. If your child's favorite topic isn't available, the "Tappity Promise" ensures that their experts will make a class on it within

Tappity offers a free two week trial before asking that you subscribe to their services. It is made for iPad, but they do offer a web-based option for their users to explore.

🍏 🌐 \$14.99/month  
\$24.99/3 months



Technology is very broad. Classes that center around technology include things like digital modeling and prototyping, 3D printing, mobile technology, computer programming, data analytics, Internet of Things, machine learning, and game development. Basically, if it uses electricity and has a circuit, you're embracing technology.



Engineering draws on all the remaining fields of STEAM. Engineering applies science, technology, math, and arts to solve problems and to create innovative devices, structures, and software applications. Because engineering is so involved it can be hard to find apps and activities that focus on solely on engineering.

## LEARN TO CODE - WEBSITES

### [code.org](http://code.org)

Code.org is a non-profit that offers school-level curriculum and course content completely free! They offer curriculum for K-5 and 6-12, but also provide resources and information for anyone wanting to explore careers or even scholarships in their 'beyond K-12' section. To see their available courses visit: [studio.code.org/courses](http://studio.code.org/courses).

### [brainpop.com](http://brainpop.com)

Though Brainpop offers a subscription, many of their content videos are free. Curious learners can explore their technology section and sift through a multitude of different learning units like communications. There are videos, quizzes, and even games to test their skills! The site offers tons of educational topics and was designed for homeschooling. To hop straight to the technology workspace visit: [brainpop.com/technology/](http://brainpop.com/technology/)

## Hopscotch-Programming



Apple **\$7.99/month**  
**\$79.99/year**

Hopscotch is a 'bit-sized intro into programming' for kids! Designed for Apple products, kids get to write their own code and programs in the Hopscotch programming language. They will learn how to design their own mobile games and use real-world coding concepts like loops and conditionals. Best part? After creating a game, they can play or share it with others.

## ENGINEERING WEBSITES

### [pbskids.org](http://pbskids.org)

PBS Design Squad has four engineering-based games that are fun and engaging for kids of all ages. They also offer various videos, tutorials, and challenges that will help website users discover all there is to know about engineering principles. To go directly to the Design Squad landing page visit: -

## Crazy Gears



Apple **\$2.99**

Crazy Gears is an app designed specifically for iPad. The app offers several puzzles that encourage users to manipulate gears, chains, rods, and pulleys to work through levels. The challenges are open-ended and there are no rules, which leaves room for creativity. This is a great app for budding engineer to explore some of the most important parts of engineering.

## DIY Nano



Apple **Free**

DIY Nano makes nanotechnology understandable for kids. Using step-by-step activities and experiments, users will have the chance to get hands on with the engineering and science behind nanotechnology. They will get to see how "nano" interacts with nature and how nanotechnology affects everyday life. Some experiments require you to plan ahead and gather materials, but it's a fun way to get hands on this summer.



The addition of Arts is about incorporating creative thinking and applied arts in real situations. Art isn't just about working in a studio. Art helps learners to develop the kind of creativity, ingenuity, communication, and performance skills that not only help with their education, but also with employment opportunities

# Language

## Duolingo



Duolingo is a free app for learning over 35 languages through quick, bite-sized lessons. Users can practice speaking, reading, listening, and writing to build their vocabulary and grammar skills. Though the app itself is free, Duolingo does offer a premium version for \$6.99/month to remove ads.



## Memrise



Memrise has 150 language courses across 25 languages. All courses are completely free to learn and there is no advertising. One of Memrise's unique features are the short lessons that include videos of native speakers. There are extra features and learn modes that can be unlocked with a Memrise Pro subscription for \$8.99/month.



*Which language app should I choose?*

### Duolingo focuses on:

Helping you learn to construct sentences.

### Memrise focuses on:

Helping you remember individual words or phrases.

# Classic Art

## Google Arts & Culture



Google Arts & Culture puts the treasures, stories and knowledge of over 2,000 cultural institutions from 80 countries at your fingertips. From the suffragettes who fought for women's rights to NASA's archive of stunning images, discover stories about our cultural heritage. This is your way to explore the art, history, people and wonders of our world without leaving the comfort of your home!

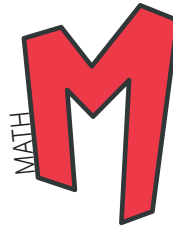


## DailyArt



DailyArt sends its users one piece of art each day. Users can view beautiful classic, modern and contemporary art masterpieces and read short stories about them. This is a great way to learn about art history and some of the most revolutionary pieces in the art world!





Math is the base for all other subjects covered in STEAM— and yes, that includes art! Though math is one of the most focused on concepts in modern education, it is typically the hardest for students to engage with. The apps below could help younger learners develop an interest in math or, at least, help them learn harder concepts.

# Theater

Not everyone has access to a local theater, but luckily for us technology makes it many Broadway-esque shows accessible from the comfort of our couches. Check out some of these popular plays that you can stream today!

## Moulin Rouge! - 2001

*Drama, Romance* PG-13

Stream: STARZ

## 'West Side Story' - 1961

*Drama, Crime, Romance* PG

Stream: HBO Max

## 'West Side Story' - 2021

*Drama, Crime, Romance* PG-13

Stream: HBO Max

Stream: Disney+

## The Great Muppet Caper - 1981

*Crime, Kids & Family, Comedy* G

Stream: Disney+

## 'Sweeney Todd: The Demon Barber of Fleet Street'

*Horror, Mystery & Thriller, Drama* R

Stream: HBO Max



## Prodigy Math: Kids Game



Free

Free

Though it isn't a teach-all tool, Prodigy does help users practice their math skills. Using a character they create to represent them, students embark on a journey and attempt to level up while answering skill-building math questions. The app is designed by educators and free, but does require a premium membership of \$74.99/year to remove ads and access certain features. Most users do not think the subscription is necessary.

## Khan Academy



Free

Free

Khan Academy is great for anyone wanting to learn! Khan Academy's library of trusted, standards-aligned videos, articles, practice questions, and lessons are completely free. The organization is supported by the generosity of individuals and grants and focused on providing quality education for everyone.

## MATH WEBSITES

### Buzzmath

Buzzmath was developed by educators in 2004 and is a browser-based learning system. Buzzmath focuses on Common Core State Standards (CCSS) for ages 6-16 years old. With interactive games and content, teachers and parents alike recommend it. Though it does require you to subscribe for \$20/month or \$120/year, you can explore and try some of their content for free at: [buzzmath.com/en/play-math](https://buzzmath.com/en/play-math).

# Just Keep **LEARNING**

According to a University of Texas at Dallas study, active learning actually improves the cognitive functioning of older adults. While the occasional puzzle or brain teaser can help improve your memory, the best way to keep your mind active and healthy is by constantly learning and embracing new things. Now, this doesn't mean you have to sign on for a four-year degree at your local university, but rather open yourself up to new ideas or projects that could lead to new hobbies or enhance your life. Check out some of the resources on this spread and make it your goal to spend at least 10 minutes a day learning something new.

## **1 LinkedIn**

LinkedIn offers several different courses and certifications for their members. Those that have LinkedIn Premium or that choose to subscribe to LinkedIn Learning get access to thousands of high-quality online courses. It's impossible to list all their courses, but there are hundreds of units that fall under four main categories: Business, Creative Technology, and Certifications.

A LinkedIn Learning subscription will cost you \$29.99 after your first free month. Though this price seems steep, most reviews and feedback from users find that the high-quality content and classes are well worth the price.

## **3 Podcasts**

If you're a commuter, then podcasts might be an easy way for you to learn. There are thousands of podcasts and most can be accessed for free with short ad breaks. The top three podcast apps are: Apple Podcast, Stitcher, and Spotify.

Here are a few podcasts to get you started:

### **Hidden Brain**

NPR's social science correspondent Shankar Vedantam breaks down the patterns that inform human thinking and behaviors.

### **You're Wrong About**

Two journalists — Sarah Marshall and Michael Hobbes — discuss historical figures, events, and phenomena that have been misunderstood by the public.

### **Stuff You Should Know**

This podcast covers a long list of intriguing and surprising topics like: how sushi works, how pain works, how book banning works, and how ghosts work. There's tons more to learn and, really, there's something for everyone.

## **2 SkillShare**

Want to learn away from work and enhance some of your personal skills? No problem! SkillShare might be the service for you. Most courses on SkillShare are broken up into 20-30 minute sections and cover hundreds of topics. Creative writing, design work, cooking, and so much more! If you want to learn it, chances are SkillShare has a professional to teach it.

SkillShare does require a subscription. After a 30-day trial, members will be charged \$36/month. However, if you really like the service, you can cut that down to approximately \$14/month by paying the annual fee of \$168.

## **4 BigThink**

BigThink is one of the coolest free websites you can find. Content on this site can be absorbed in 10 minutes or less which makes it a great source for daily "news". BigThink brings content straight from the experts and covers several topics like scientific breakthroughs, revolutionary business concepts, and more in short videos. These videos talk about things like: Alzheimer's research, Artificial Intelligence, and developments in space technology. If you're wanting news to liven up a discussion, then BigThink is a site you should visit! If you're feeling super committed, you can subscribe to their newsletter and learn something new while drinking your morning coffee.

# Learn with Google

What if I want to improve my *digital literacy*?

*Google's Applied Digital Skills curriculum prepares people for jobs that require basic digital skills.*

This course is perfect for anyone wanting to improve their technology skills. There are hundreds of hours worth of free lessons that teach computer and digital literacy using Google's cloud products like Sheets and Docs. Learn the essentials of Gmail, using Google Drive effectively, create a budget with Google Sheets, and much more!

This course would be perfect for anyone needing to improve their computer skills, including adult learners!



Search for:  
'GROW with Google - Applied Digital Skills'  
or use this QR code!

Can Google help me *grow my business*?

*Google for Small Business helps business owners with helpful tips and practical lessons to improve their online presence.*

Let's be real, your online presence is vital to the success of your small business. Though social media plays a piece, it's also important to make sure your perspective customers can find and learn about your business!

Google has several lessons that can teach you about key features and concepts you need to understand. These lessons will help ensure your business stands out among the rest online.

Search for:  
'Google for Small Businesses'  
or use this QR code!



You will learn the **4** Google Essentials

Be Found on Google

Do Business Online

Work Smarter

Reach Customers

# Small-Town Service, **Big Time** Jeweler

Kelley Jewelers has been serving customers all over the U.S. for 91 years

**K**elley Jewelers has had an established presence in Weatherford for over 91 years.

The shop was established in 1931 by F.L. Kelley and was intended to be a watch repair shop. Now it is one of the most renowned jewelers in Oklahoma. This is due to smart leadership.

"We have many generational customers that will send their kids in to buy engagement rings. The customer service level and the experience that we give people is what makes it worth the drive," Kim Ingram, Kelley Jewelers owner said. "When someone comes in here, it's not just for the price. That is one of the reasons, yes, but they also drive for quality, and how we make them feel welcome."

Kim has been working at Kelley Jewelers since she graduated with her bachelors in accounting at Oklahoma State University.

"I got married right out of college and decided I didn't want to be contained to an office job," Kim said.

Kim has worked her way up at Kelley Jewelers from a saleswoman to owner.

"I thought that this was just going to

be a stepping stone for something else," Kim said. "But I knew that I loved retail. I knew I loved working with people, and I liked that every day is different."

Kelley Jewelers has been female-owned and operated with an all-female sales staff since it was bought by Kristen Kelley, granddaughter of F.L. Kelley.

"Women bring a different perspective," Kim said. "Not only do we focus on the business, but we also look at what we do from a nurturing, compassionate perspective."



Kim served as vice president under Kristen until she retired in 2014. She is the first non-family member to own Kelley Jewelers. She is appreciative of all the skills and leadership taught to her by Kristen.

Kim believes that the customer experience starts the moment someone walks through the front door.

"We take what we do seriously. When someone comes in for an anniversary gift or a birthday gift, we want to tailor it to the person that they're giving it to,"



*Before*

*at a glance*

**Q+A**

*Genevieve Lisle is the Store Manager and Rolex Specialist at Kelley Jewelers*

**So what would you be doing right now if you weren't here?**

Haha, probably shopping. - Kim

Oh, yeah. Number one, shopping, or chasing my kids around. - Gen

**Do you like or dislike surprises?**

Oh! She *hates* surprises. - Kim

I hate surprises! I'm a planner, I like control. Kim loves change. - Gen

She hates it when I have an idea. I'm all about new ideas and changing things, so I'll go up to her and say 'I have an idea!'. Haha. - Kim

**What do you consider to be your greatest achievement?**

Well I feel like you have to say your kids! - Kim

I think us all being successful working moms. We're all managing a family and working. - Gen

Oh, yes! -Kim



Pictured: Ben Curtis, one of three male bench jewelers, working on a diamond piece brought in by a customer.

**FOCUS  
ON.**

Kelley Jewelers



After

Pictured: With three generations of heirloom diamonds, Kelley Jewelers' Custom Design Team was able to craft four rings: one for their customer and three for her daughters for a sentimental Mother's Day gift.

## with Kim and Gen

### What is your favorite memory of your staff?

We have lots of fun. And we make fun of each other, so it's hard to pin just one. - Gen

We actually keep a journal. You forget what people say in the moment, so we try and record the silly things that happen. - Kim

We all have a good sense of humor, so we can laugh at ourselves and make fun of each other. We like to celebrate on Christmas Eve. We all wear an ugly sweater and toast and look back in the book. -Gen

### What inspires you to get out of bed?

I don't even think about it. You just have to get up and go. - Kim

I will tell you; we are all go-ers and do-ers! You get up every day and you just never know what it's going to bring! - Gen

Kim said. "So we try to get to know our customers right from the start so we can find out their needs and expectations."

### A Step Further

Though Kelley Jewelers is known for their top-quality merchandise and top-tier customer service, that isn't all they offer.

"We do a lot of custom jewelry," Kim said. "We'll take old jewelry or family heirlooms, like your grandmother's diamonds or your mom's diamonds, and then we'll take the project on and turn it into a piece of jewelry so that you can enjoy the jewelry too."

**It's important for us to be here. Yes, we can take it and move the business to Yukon or Oklahoma City, but we wouldn't be the same.**

Designing an old-to-you piece isn't easy, yet it's something that Laurin Townsend, Graduate Gemologist and Shop Manager, believes they excel at.

"First we take the customer stones and then we take pictures. Then we take images from customers if they have a ring or something that they've seen, but sometimes we'll sketch it up ourselves with whatever changes we would want to make to their piece."

Laurin believes every piece of jewelry is important, no matter how expensive. She wants to make sure each custom piece is special to the customer.

"There's nothing like seeing the look

on your customer's face when they see their jewelry transformation," Laurin said.

Laurin believes their all-female sales staff helps to create and serve their guests who come in for custom projects.

"What sets us apart is that we're a staff full of women, so we know what people are wanting to wear and current trends. Plus we've created enough of our own pieces that we know what worked on one thing and didn't work on another," Laurin said. "We're able to take the feedback that we get from wearing jewelry and help our customers. I think that makes a huge difference."

### THE FUTURE

Kelley Jewelers is Western Oklahoma. In a town of 11,000, they offer a small-town experience with the quality and service of a big-city jeweler.

"Everyone can sell jewelry, but what we do is special," Kim said. "A lot of jewelry stores now are going out of business, but for us to be able to stay in a town Weatherford size, and then support Western Oklahoma and West Texas, is huge."

Staying local is important to Kim, who knows Kelley Jewelers will be here for years to come.

"It's important for us to be here. Yes, we can take it and move the business to Yukon or Oklahoma City, but we wouldn't be the same," Kim said. "We wouldn't have the same clientele. We wouldn't serve our people. We just wouldn't be the same if we weren't in Western Oklahoma."

To learn more about Kelley Jewelers visit: [kelleyjewelers.com](http://kelleyjewelers.com).

Who should we  
**FOCUS ON**  
next?

Visit [GoPioneer.com/FocusOn](http://GoPioneer.com/FocusOn)  
and fill out a nomination form!

# Oklahoma STEAM SUMMER CAMPS

June 28 - 30

## STEM Camp

108 W. Garber Rd.  
Garber, OK 73738

**What:** Learn to use computers, software, and related technologies to design and create things like: a power racer dragster, powered HT racers, full color patches for caps, jackets, and pants, bracelets, t-shirts, and mouse pads. Attendees will create various projects using a computer, printer, and related technologies.

**Who?** Who? Open to all Oklahoma students with disabilities, ages 14-19 (i.e., on an IEP, 504 Plan, or other documented physical, mental, or cognitive disabilities). Parents, guardians, and siblings are encouraged to support this learning experience by helping if needed, or wanted.

**For more information visit:**

[oklahoma.gov/okdrs/students/transition/stem-camps.html](http://oklahoma.gov/okdrs/students/transition/stem-camps.html)



July 9 - 13

## Summer STEM Camp

Oklahoma City National Memorial & Museum  
620 N Harvey Ave, Oklahoma City, OK 73102

**What:** Learn how careers in science, technology, engineering and mathematics (STEM) were critical in the rescue, recovery, investigation and justice and healing in the aftermath of the Oklahoma City bombing. Students will engage with experts in structural engineering, forensics and disaster response, interact with touch-screen tables, and participate in hands-on activities using critical thinking skills to solve problems.

Activities Include:

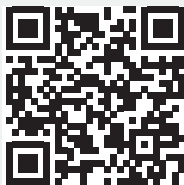
- Robotics
- Building structures that can withstand different types of natural and man-made disasters
- Analyzing and processing a crime scene with UCO Forensic Science Institute specialists
- Demonstrations with rescue and bomb sniffing dogs
- Campers will also learn about the growth and resilience of Oklahoma City by taking a tour of the Devon Tower and hear about the new downtown streetcar project.

**Who?** Students entering grades 6-8

**Cost?** \$200

**For more information visit:**

[memorialmuseum.com/news/summer-stem-camps/](http://memorialmuseum.com/news/summer-stem-camps/)



July 19 - 21

## Autism STEM Camp

Oklahoma City Community College  
7777 S. May Ave., OKC, OK 73159

**What:** Learn to use computers, software, and related technologies to design and create: power racer dragster, powered HT racer, full color patches for caps, jackets, and pants, bracelet, t-shirt, mouse pad, pin, back buttons, and more. Attendees will create all of this using a computer, printer, and related technologies.

**Who?** Open to all Oklahoma students with an Autism diagnosis, ages 14-19 parents, guardians, and siblings are encouraged to support this learning experience by helping if needed, or wanted.

**For more information visit:**

[oklahoma.gov/okdrs/students/transition/stem-camps.html](http://oklahoma.gov/okdrs/students/transition/stem-camps.html)



June - August 5

## Camp Contemporary

Oklahoma Contemporary  
11 NW 11th St.  
Oklahoma City, OK 73103

**What:** Our weeklong, school-break camps — held at our new, downtown campus — provide fun and challenging studio experiences for 5 to 12-year-olds. From painting, drawing, sculpture and ceramics to performance, costume design, robotics and animation, experienced art educators will facilitate camps inspired by contemporary art and artists and the exhibitions on view at Oklahoma Contemporary. Camp Contemporary also offers one camp each week that explores the intersections of art and technology and integrates technology into studio projects. Camps close one week before the start of each camp.

**Who?** All Oklahoman's ages 5-12.

**Cost?** \$235 per camp. There are scholarships available on the website.

**For more information visit:**

[oklahomaccontemporary.org/learn/youth/camp-contemporary](http://oklahomaccontemporary.org/learn/youth/camp-contemporary)



June - July 29

## Science Museum OK Summer Camps

2020 Remington Place  
Oklahoma City, OK, 73111

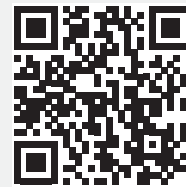
**What:** The Science Museum in OKC offers several different week long summer camps for various ages. Each week has a different theme for early explorers (pre-k and kindergarden), explorers (grade 1-6), and innovators (Grade 1-6). Most camps five days long and run from 9 a.m. - noon for early explorers and 9 a.m. - 4 p.m. for explorers and innovators.

**When?** Each camp is a week long and have limited availability. Visit the Science Museum website to explore available dates.

**Cost?** \$150 - \$275 per camp.

**For more information visit:**

[sciencemuseumok.org/summer-camps](http://sciencemuseumok.org/summer-camps)



# PLAN A STEAM FIELD TRIP

Not close to a STEAM related camp? No biggy. You can turn any weekend adventure into a STEAM opportunity.

## VISIT THE LAKE

Many Oklahoma families flock to the lakes to escape the heat of the summer. However, many don't know the lake is a great place to introduce some STEAM concepts to your learners.

### Sandy beach? Embrace Geology.

Take magnifying glass to explore the beauty and complexity of sand. Sand is made up of eroded rock, minerals, and shells, making it a great opportunity to explore how Earth and her vast environments are made. There are many questions you can ask like: 'What do you see in the sand?'; 'How do you think it is made?'; or 'Why do you think the pieces are different?'.

### Windy Day? Hello Physics.

Rent a kayak and explore the world of physics by propelling your kayak through the water. Ask your child how they think the paddles help move the boat. You can experiment with deep strokes and shallow strokes and compare each with your speed. Play around with balance by rocking the kayak but make sure not to tip over (unless you need a dip to cool down!)

## TAKE A HIKE

Simple hikes have the opportunity for young scientists to explore all parts of STEAM!

### Sunny Day? Time for Hands On Science.

Learn about the power of the sun by collecting both dry and fresh leaves. Place a leaf in a safe area like a fire pit or sidewalk and use a magnifying glass to concentrate the light of the sun into a tiny point until smoke appears. Explain why certain leaves burn more easily and how dangerous forest fires can be. Warn your kids that broken glass and water bottles can start forest fires through this experiment.

### Perfect Weather? Sightsee.

Have your scientist bring a journal on your hike to record the number and types of wildlife you see. You can also keep an eye out for tracks or other signs of wildlife. Mornings and right before dusk are prime times to view deer, hunt for coyote tracks or spot rabbits. Beware of rattlesnakes and discuss why some snakes are poisonous while others are not.



MEET OUR PIONEER SCHOLAR

# Brady Bowles

*District 1: Buffalo Northwestern Oklahoma State University Major: Psychology*

**S**enior Brady Bowles is as hard working as they come balancing life, school, and even baseball.

"My first year, when we had games and stuff was the most difficult trying to balance school and stuff, but by sophomore junior year, it was pretty easy," Brady said. "Last semester, I took 20 hours, and it wasn't that bad. This semester, I took 22 hours. That's gonna be a little bit of a challenge, playing sport and taking 22 hours because there are some tough classes."

"After a semester, I realized that being a biology major and playing baseball was going to be pretty difficult because we missed a lot of practice with the sciences classes and labs in the afternoon," Brady said. "I chose psychology because that way I could still get my biology out of the way for PT school, while also getting like another side of the human body, learning about the brain."

**"You're making a bigger difference in their life, because they go through daily pains and just kind of deal with it."**

Brady has been accepted into the Physical Therapy program at Wichita State University (WSU) in Wichita, Kansas. Though the campus is much bigger, Brady isn't worried about his graduate experience.

"I found out that their PT department is in Old Town campus. So it's downtown and not actually on the state campus," Brady said. "There's only 60-ish kids that they accept into the program, so it's pretty big time."

Brady had decided he wanted to be a PT at the age of 13 when he tore his labrum and then, three months later, his ACL.

"I was too young to have surgery because my growth plates hadn't closed yet, so for seven months, I was doing physical therapy to be able to walk normal again and get some strength back in my leg," Brady said. "For two to three straight years I was in PT

and the guys that helped me we were really good. And I just loved it. Ever since then I knew that I wanted to do physical therapy."

Brady has been shadowing physical therapists since his freshman year.

"At first I wanted to become a physical therapist and strictly do sports and help injured athletes," Brady said. "But as I worked and shadowed, I realized that helping the elderly was really more satisfying. You're making a bigger difference in their life, because they go through daily pains and just kind of deal with it. It's really been more life changing for them to get up out of their chair without their back hurting or hip hurting. For the elderly PT is a big thing, and it's pretty gratifying."

Brady might know exactly what he wants to do when he finishes PT school, but he's leaving location on the table.

"I could go back to around the Woodward area and work. I could stay in Wichita, it just kind of depends on how clinicals go," Brady said. "If I like someone and they liked me, then I could stay there. If I come back home, there's an opening around here around home then I would come home, I really don't have a preference right now."

Being on the baseball team and having over 12 hours in school doesn't leave much time for a job, which is why Brady is thankful for the Pioneer Scholarship.

"It's really helped these last two years because I didn't have to take out as many student loans," Brady said. "I mean, 20 hours and 22 hours, my tuition has been super high. And it's a pretty big honor to be chosen at all. There's a large pool of people from the Oklahoma area that can apply to the scholarship so I'm very grateful."

Though Brady doesn't have everything worked out, he's excited for the opportunity his future holds.

"Not knowing really what it's going to be like is exciting," Brady said. "I mean, I could be anywhere in three years. I don't really have a set plan other than go to Wichita and graduate and become a physical therapist. So I'm looking into the unknown of where I'm gonna end up and what's in store."

Brady will graduate in May, 2022 and begin PT school at WSU in June.

## Q&A

### **What has been your biggest challenge?**

Probably just balancing everything between time for myself, time for school, time for athletics, and personal time. I had to learn quick that to have success in College I had to plan and have a routine to make it enjoyable.

### **If you could give underclassmen one piece of advice, what would it be?**

To be organized and not overwhelm yourself. Your freshman year is a good time to get the hang of things and classes. And once you get to your sophomore year, you can kind of build up and take some more classes. Then, if you want, you can get a job.

### **If you could only have three things on your bucket list, what would they be?**

I want to go skydiving. My mom's talked about taking me and my sister for our graduation present after this year, so we'll see. I definitely want to go on big vacations like cruise to Greece and Bora Bora. Then my third bucket list item would just be able to set up well for retirement and be able to just go have a house somewhere.

### **What's something you consider unforgivable?**

It takes a lot to earn my trust and when you break my trust I kind of hold that against people. I especially don't do well when I catch people in the middle of a lie.

### **If you could only eat one thing for the rest of your life, what would it be?**

Probably grilled chicken. I'm a pretty big health freak so I don't hardly eat red meat. I can eat grilled chicken every day though because you can do different stuff with it. I love it.

### **You just won \$10,000. What are you going to do with it?**

Probably put a down payment towards tuition or put it in the bank. I don't spend money on myself. I'm pretty conservative when it comes to the money, so I'm not gonna go put it all on a vehicle.

*“This is a treat you can make and it’s hard to stop.”*

# Caramel Corn

## *ingredients*

9 qt.	air popped popcorn
2 c.	brown sugar
1 c.	butter
1/2 c.	white karo syrup
1 tsp.	maple flavoring
1/2 tsp.	soda
1 tsp.	salt
1 c.	salted cashew pieces

Preheat oven to 250°. In a medium saucepan place brown sugar, butter, Karo syrup, maple flavoring, and salt. Bring to a boil; boil for five minutes. Mix well and stir occasionally.

Remove from heat and add soda and cashews. Stir quickly and pour over popped corn; mixing well.

Place coated popcorn in two flat pans and bake one hour, stirring every 12 minutes.



For Regulatory/CABS Representative, Desiree’ Smith, a birthday is not complete in her household without a strawberry cake, and it has been this way for multiple generations.

“Mom always made it for our birthdays,” Desiree said. “Because it was my brothers’ and I’s favorite. It was always our favorite and in the olden days, you know, nobody bought cake. You always made it.”

Though this is a long running family tradition, Desiree doesn’t get the chance to make it for every birthday.

“When we all get together we probably have around 60 people? Because my mom had three sisters and then my husband’s side of the family comes... we all have fun parties,” Desiree said. “We all come together to celebrate so who gets to do all the cooking?”

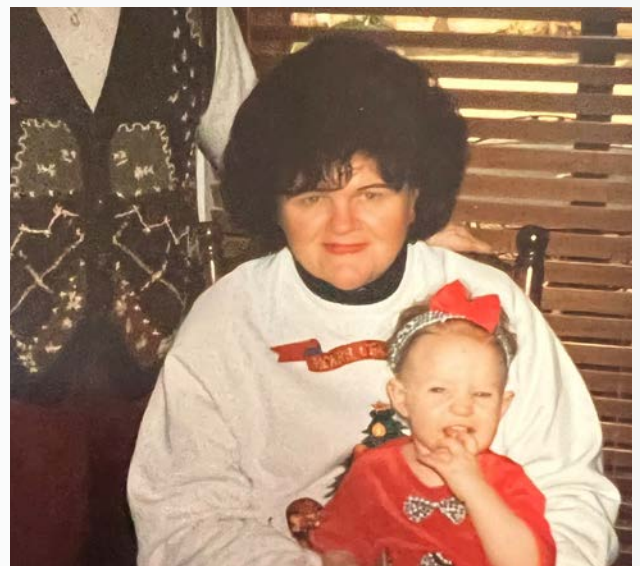
Though her family is full of “good cake” makers, like her grandparents Gene and Opal Leech or her aunt Janice Russell, Desiree is usually the one the family turns to for her mom’s strawberry cake.

“Everybody always wants me to make it. Nobody ever wants to make it but they sure want to eat it,” Desiree laughed. “If there’s just a few of us I’ll make it and a pan of my brownies but if it’s all of us then his mom has started getting cake from Sams.”

Desiree is going to pass on this tradition to her two daughters, ages 12 and 18, but not without a few tips and tricks.

“You must use the Duncan Hines brand of cake mix,” Desiree said. “I’ll just tell you right now, Pillsbury is not the same as Duncan

Hines. Straight up. The recipe just says a white cake mix and sure, a cake mix is a cake mix, but I prefer Duncan Hines. It’s what mom always used..”



*Cheryl's mother, Margaret Senn, with her granddaughter Maegan Yost.*

# COMMUNITY EVENTS

## JULY 2022

### July 1

**Blanchard's Independence Celebration**  
10th & HWY 62  
Blanchard, OK

Celebrate the Fourth of July at Blanchard's Independence Celebration with live music, pop up vendors, and tons of family-friendly entertainment. Come to the Blanchard Independence Celebration and enjoy fun for the whole family. End the evening with a great fireworks display set to music at dusk.

Event Hours:

Friday, July 1 6:00 p.m. - 10:30 p.m.

### July 3-4

**Crescent Glory Days**  
City Park 500 W. Monroe  
Crescent, OK

Join us July 3rd and 4th to celebrate Independence Day! Glory Days has something to offer for everyone. Live music, food trucks, softball and corn hole tournaments, games, baby pageant, pet pageant, turtle races, inflatables, and more. Plus enjoy the longest running fireworks show on July 4th. Follow the Crescent Glory Days Facebook for up-to-date information

Event Hours:

Sunday, July 3 11:00 a.m. - 7:00 p.m.

Monday, July 4 9:00 a.m. - 10:00 p.m.

### July 4

**Veterans Park**  
Veterans Park Drive  
Newcastle, OK

The festivities will begin at 6 p.m., so arrive ready for some Independence Day fun! This year's event will include family fun entertainment, ranging from a kid's zone, inflatables, live music, and a petting zoo to food trucks, storm trackers, cruisers, and pop up vendors. The fireworks show will begin at 9:30 p.m.

Event Hours:

Monday, July 4 6:00 p.m. - 9:30 p.m.



Pictured: Several May Daze vendors and attendees posing for a picture with their Pioneer branded fanny packs at Blanchard's May Daze.

### PIC OF THE MONTH One Big Fanny-Pack Family

Pioneer's fanny packs were a BIG hit at Blanchard's May Daze. These attendees were so excited about their new caps and packs that they happily posed for a big group photo with Public Relation Specialist Robin Fielder (back row, forth from the right).

We loved seeing all the smiling faces at May Daze!

## HAVE A LOCAL EVENT COMING UP?

Reach out to GoPioneer Magazine to  
have your event featured.

Email us at: [GoPioneerOK@ptci.com](mailto:GoPioneerOK@ptci.com)

*Please note: we will need to have your dates a month and a half in advance! Our next issue will be in August.*



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# Celebrating

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## 25+ YEARS

ANNIVERSARIES

**Steve & Chris Knecht** - Okarche - Celebrated their 40th Wedding Anniversary May 21st.  
They have a son, a daughter, a daughter-in-law, son-in-law, two granddaughters, and three grandsons.

**Gene & Connie Barnes** - Enid - Will Celebrate their 50th Wedding Anniversary August 5th.  
They have two sons, two daughters, two daughters-in-law, and five grandchildren.

### ***Want your Anniversary published?***

To have wedding anniversary announcements of 25 years or more, simply submit your anniversary information including town, wedding date, and number of children, grandchildren and great-grandchildren to GoPioneer Magazine at any of the following addresses:

Email:  
Subject: GoPioneer Anniversaries  
GoPioneerOK@ptci.com

Standard mail:  
GoPioneer Anniversaries  
Pioneer Telephone Cooperative  
P.O. Box 539  
Kingfisher, OK 73750

GoPioneer.com:  
Find Anniversaries under  
'GoPioneer Magazine' on  
our website.

**\*\*IF SUBMITTING BY MAIL, PLEASE USE PRINT\*\***