



# NEWSLTR

## IN THIS ISSUE

### PROJECT UPDATES

Are you in the know about your community upgrades? Find out the latest updates from KNET and learn why your Community deserves the best!

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### DEPT. UPDATES

Join KNET and stay up-to-date on the latest techs' activities! Don't miss out on the action - read more to get the scoop on where our techs are headed next!

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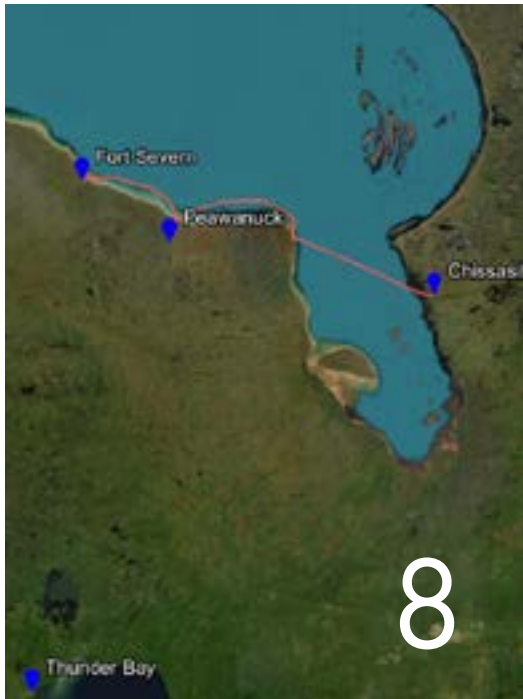
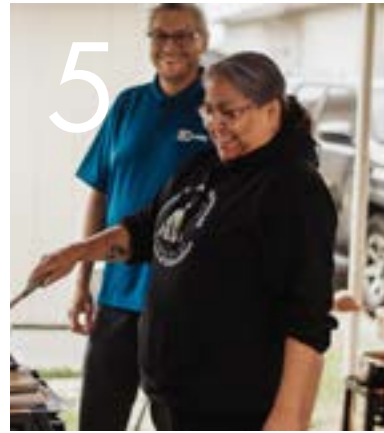
### COMMUNITY FEATURE

Lac Seul is delivering a successful internet package to community members, creating profits and helping fund vital services such as education, nursing stations, and more.

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# MESSAGE FROM THE DIRECTOR



K-Net has been involved with putting in new telecommunications infrastructure and services to our communities for the last 25 years. Our communities have benefited from this by being the early users of broadband, mobile cellular service, telemedicine, and online education.

We have come to a time where all these services are an integral part of our daily lives. Over the years, the early technology that we have adopted has aged and needs to be refreshed. Our community leadership have identified this and has pushed us to improve the systems that we had put in place together.

Our K-Net team has been actively working on many projects to bring much need upgrades for all the communities that we serve. This effort takes co-operation by our team, local leaders, community technicians, and the users of these important services. Communication with all the stakeholders is the key to making these improvements beneficial and sustainable.

As we look forward to the future, we are committed to working with all of our partners to continue our vision of accessible telecommunications available to everyone, everywhere. The Kuh-Ke-Nah Network.

Miigwetch,

Jesse Fiddler

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## STAFF UPDATES

**KNET is experiencing big changes in its staff roster! Find out who's new, who's changed roles, and who's no longer with us. Read on to learn more about our staff updates!**

### New Staff

**Gabrielle Wesley**

Marketing, Media, Design, and Communications Specialist

**Gabriel Harper**

Inventory Clerk

**Samira Ranjbar**

Service and Business Sales

**Mahdiyari Shariati**

Network Technician

**Serenity Fiddler**

Cellular Sales Clerk / Reception / Student Worker

**Liya Beardy**

Cellular Sales Clerk / Reception

### Staff Changes

**Isaac Miles**

Summer Student to Inventory Clerk

### No Longer with KNET

**John Moreau**

Office Maintenance

**Brendan Major**

Human Resources Assistant

**Monril Islam**

Junior Network Technician

## KO SHOWCASE AND BBQ AT THE BLUEBERRY FESTIVAL



Wednesday, August 9th, 2023

**At this year's Blueberry Festival in Sioux Lookout, both Keewaytinook Okimakanak (KO) and KNET hosted a BBQ and Showcase at the KNET offices. The crowd was treated to a delicious selection of fried fish, burgers, hot dogs, bannock, fruit and vegetables, and other delectable goodies. The food went fast, and the KO and KNET teams cooked up a storm to keep everyone satisfied.**

To add to the fun, KO showcased a number of its departments, including the KO Health Team, Public Works, KO Mental Health, and KOBE. Attendees had the chance to enter their names in draws for camp chairs, cell phones, and more - all while connecting with KO and KNET staff from across the region.

Jesse Fiddler, KNET Director, joined the KO Executive Director, Cory Meekis, in delivering an introductory speech to start the festivities. We are hugely grateful for the enthusiastic turnout, and for the opportunity to showcase the amazing staff and work of KO and KNET.

Images by: Willow Fiddler and her grandson, Jacob

**To see more of the images visit the KNET website at [www.knet.ca](http://www.knet.ca).**





# PROJECTS ON THE GO

## Updates from the 10G Upgrade to the 18 Fibre Loop First Nations



**KNet has been hard at work upgrading your community network equipment this fall for the head end 10Gbps broadband upgrade project. After completing assessments, the KNet technicians delivered equipment on last year's winter road and have been installing cable equipment in racks getting everything ready for the upgrade. The communities use wireless to reach homes and buildings are also on the list for upgraded access points on their towers.**

Bell is also upgrading their equipment in the First Nations. It is Bell's practice to land a helicopter at the head end for a few hours to complete their work in the Bell building. Despite having limited information on Bell's travel schedule and flight plans, KNet has been sending notices to the band offices as soon as we are notified, which is often about a week before the Bell flights.

The community technicians are key to the upgrade and maintaining your upgraded networks. KNet has been working with your local technician to set up racks, cable routers and UPS batteries, as well as confirming head end electrical and Heating / Cooling requirements at the head end building, to prepare the community network for



upgraded connections to the homes and buildings. KNet also looks forward to having an in-person technician training workshop and building capacity of the community technicians through online workshops to review technical and business information.

KNet's next steps are to install wireless equipment in the communities that use wireless to connect homes, return to the communities that use cable to connect homes to connect and test the new cable router, and confirm routing and complete testing with Bell's 10G router in the fall of 2024 (Bell recently notified KNet of a delay until then).

This upgrade is long overdue and we thank the communities for their patience. We look forward to providing communities with faster, more reliable broadband connections that will open doors to new opportunities and possibilities.

Recently, KNet's Technicians have been addressing healthcare connections in the First Nations, this involves installing backup Starlink dishes for nursing stations and temporary Starlink dishes for nursing residences, along with improved wireless. As soon as the 18 First Nation upgrade is completed, the communities that are upgraded can provide the main broadband connection to the nursing stations and residences. Fort Severn and Peawanuck are currently working on a marine fibre connection to replace their satellite connection with a more reliable and scalable solution.

So the next time you see KNET Technicians in your community, they're working hard to bring you the latest technology, faster connection speeds, and all the internet has to offer. Don't forget to thank them for their hard work!

**The upgrade projects are supported with funding from the Ontario Ministry of Infrastructure, Indigenous Services Canada, and Innovation, Science and Economic Development Canada.**

### Next Steps

#### Fall 2023 – Spring 2024

KNET to install wireless equipment in the communities that use wireless to connect homes

#### Fall 2023 – Spring 2024

KNET to return to communities that use cable to connect homes to connect and test the new cable router

#### Winter 2024

Community Technician Training in Sioux Lookout

#### Fall 2024 (Bell delay)

Bell to complete upgrades and install the 10G router – Bell notified KNET of their delay until Fall 2024



#### Fall 2024

KNET to confirm routing and complete testing



# PROJECTS ON THE GO

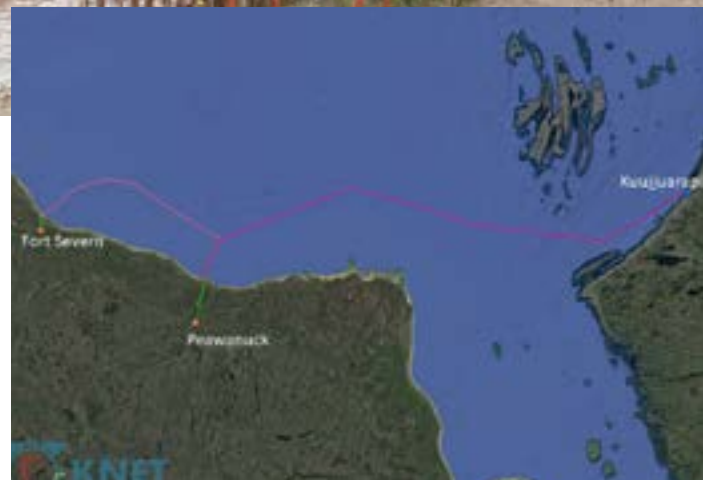
## Fort Severn Peawanuck Marine Fibre

The digital age is here to stay, leaving no corner of the world untouched by its ever-expanding reach. For communities in the far reaches of the North, that has meant technological advancements that can finally bring more reliable and powerful internet connections. Fort Severn and Peawanuck are leading a significant upgrade with KNet by replacing their satellite connection to a more reliable and scalable fibre solution.



The vision to connect with fibre was not made lightly. For too long, both communities have been dealing with the limitations of a satellite connection, which means slower speeds, unreliable connections, and high costs. With some of the most remote and isolated communities in the world, access to a scalable internet connection is critical, and that will become a reality with marine fibre.

The marine fibre will be buried from the First Nations to the Hudson Bay coast where it will be laid on the bottom of the bay to Kuujjuarapik Quebec. The Kativik Regional Government has already completed a similar project and has successfully replaced satellite with marine fibre in the Hudson Bay. KNet is carefully following the First Nations direction to reduce the impacts on the land, wildlife and water. The project is in the planning stages with an estimated scheduled completion date of December 2025.



The upgrade is significant providing a community owned, long-term, lower cost, scalable broadband connection for the long-term. Access in the remote First Nations is critical for business opportunities, health, education, and everyday communication. This upgrade is sure to bring positive changes to both communities, both now and in the years to come.

# MEET THE TEAM:

## ADELAIDE ANDERSON

Adelaide is a true champion for First Nations people, and KNET could not have picked a better office administrator.



Coming from a background of hard work and dedication to community empowerment, Adelaide certainly understands the mission of this organization and stands for everything it stands for. Adelaide is on a mission to encourage First Nations people to pursue a career in tech, believing that it can open up a world of opportunities and have a positive impact on their lives and the lives of those around them.

It's easy to see why Adelaide was the perfect fit for KNET. With her strong work experience and relentless commitment to make a difference in her community, Adelaide is a shining example for First Nations people. One of her main goals is to challenge the status quo and push for more diverse and inclusive tech talent to be employed across the country.

She tells those around her "Think of a career in tech", and she knows better than anyone the potential opportunities available to any individual who takes the plunge into this competitive field.

Adelaide is a living example of a true success story, in both her career and her commitment to create meaningful and positive change in her community. She is empowering her peers to take the steps and to be confident in their abilities. Her leadership and influence give those around her the courage and inspiration to strive for more and to be a force of good in their communities. Adelaide is a true champion for First Nations people, and KNET is lucky to have such an incredible office administrator leading the team.



## EVENTS AND MEETINGS TO PUT ON YOUR CALENDAR

### Community Technician Q&A's

Each month Community Techs are invited to meet with Brad Woodward, AKA Woody, KNET's Plant/Broadband Specialist of our Networking Dept. to discuss trends, tips and tricks and more. Meetings will be held online and links will be provided via social media. Links will be provided to registered participants.

**Date:** TBA  
**Location:** Online (Microsoft teams)  
**Registration:** [gabriellewesley@lp.knet.ca](mailto:gabriellewesley@lp.knet.ca)

### Advisory Committee Preliminary Meeting

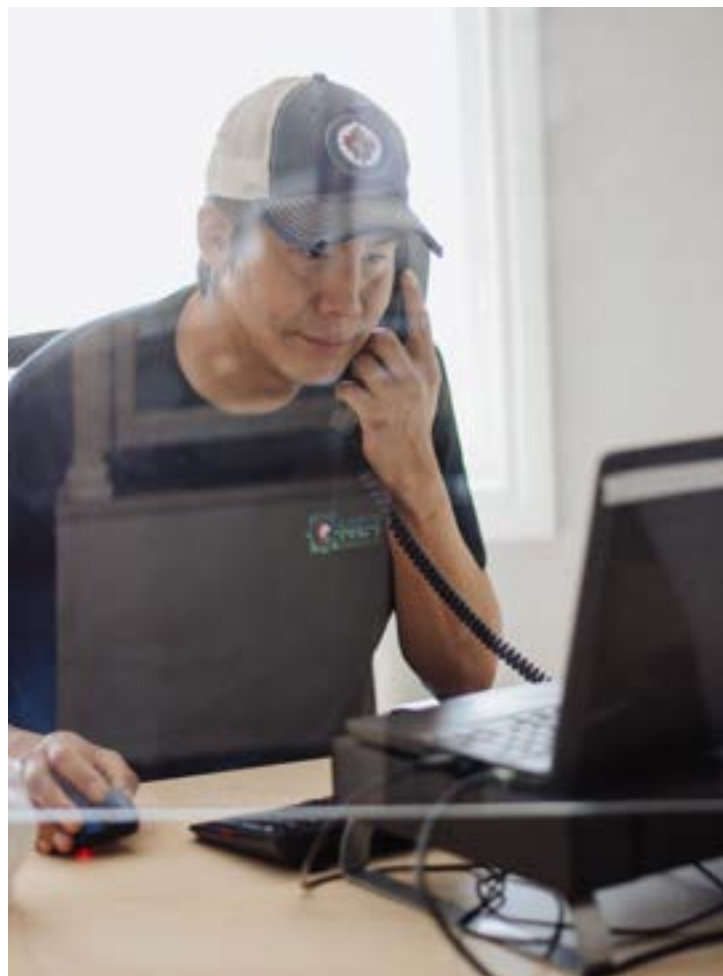
Get involved in the initial Advisory Committee meeting on November 14th and have your say in how the organization moves forward. Your feedback, suggestions, ideas, and concerns will shape the future of KNET as we strive to build stronger relationships with our communities. Join us and help us create something truly meaningful. Links will be provided to registered participants.

**Date:** TBA  
**Location:** Online (Microsoft teams)  
**Registration:** [gabriellewesley@lp.knet.ca](mailto:gabriellewesley@lp.knet.ca)



# Department Updates

## SERVICE HELP DESK



**The Service Desk team at KNet is far more than just the group of people available to fix technical issues; they are a major force in the communities they serve. By working with community technicians to build and maintain capacity, their efforts are a huge part of increasing and enhancing access to digital technologies in KNET communities.**

From managing the broadband networks and connections to Nursing Stations, to technician training and bringing long-term upgrades, the Service Desk team is doing an incredible job of bringing KNET communities into the digital age. KNet recognizes the skills and abilities of the community technicians. K-Net shares our expertise in managing networks so that each First Nation's local economy can grow as well as leveraging the Information Technology skills that benefits everyone. We believe the talent, skills and initiative exist in our communities to do so.

***The Service Desk team at KNET isn't just impressive because of the work they do, it's inspiring. Through their tireless efforts and collaboration with community technicians, they are continuing to expand broadband access across the region and improve the lives of those in the communities they serve.***

This is why we're excited to share updates of the 18 First Nation Fibre Loop Upgrade, Lac Seul Wireless Upgrade and Health Upgrades that the Service Desk team has been hard at work on. These upgrades will help to ensure that those in KNET partnering communities have access to critical services and the digital resources they need to succeed.

At KNET, we strive to create and maintain a digital space where everyone can flourish. With the help of the Service Desk team, this is becoming a reality for the communities we serve.

**To learn more about what they're doing and how you can help, check out our newsletter section for broadband upgrades on page 6.**

### Community Travel Dates (Fall/Winter)

- Deer Lake First Nation - Nov. 15 -16
- North Caribou lake - Nov. 15-16
- Cat Lake First Nation - Nov. 14-16
- Mishkeegogang First Nation - Nov. 7
- Deer Lake First Nation - Nov 2-3
- Kasabonika Lake First Nation - Oct. 24-26
- Grassy Narrows and White Dog - Oct. 19-20
- Kasabonika Lake First Nation - Oct. 11-12
- Peawanak First Nation - Oct. 4-5
- North Caribou Lake First Nation - Sept 28
- Neskantaga First Nation - Sept. 7-8

## KNET Mobile: The Battle of iPhone vs. Android: Which Reigns Supreme?



**Whether you're an avid Apple enthusiast or just looking for a reliable phone and plan, KNET has got you covered with this incredible lineup of devices.**

For many, iPhones are the epitome of cutting-edge technology – from the sleek and stylish design to the long-lasting battery, they're the perfect phone for anyone looking for an intuitive and powerful device. With KNET's inventory, you have a whole world of options to explore. From the classic iPhone 11 Pro Max to the brand-new iPhone 12 Pro and beyond, you can find the perfect fit for your lifestyle.

**The iPhone vs. Android debate is a big one. Both phones have their advantages and disadvantages.**

When you're deciding between the two, think about design and build quality, user interface and user experience, app selection and quality, hardware and performance, security and privacy, and price and value. iPhones usually have better build quality and more consistent design. Android devices may have more app options and more customization options. iPhones tend to have better performance, but Android phones often have better battery life. iPhones prioritize user privacy, while Android collects more data and offers personalization options. And finally, Android devices usually cost less than iPhones, but iPhones hold their value better over time. Ultimately, the best phone is the one that works best for you.

**To learn more visit the KNET blog at [www.knet.ca](http://www.knet.ca).**

**KNET is making all your cellphone dreams come true with the introduction of their exciting new inventory of iPhones!**

No matter what your budget or preferences, KNET has something that will work for you. Each one is equipped with the latest technology –including the A14 Bionic chip– and depending on your plan, you could get enhanced features like 5G connectivity and limitless data. And with their team of expert salespeople, you can get the perfect plan tailored to your needs.

So what are you waiting for? Call cellular sales today and inquire about KNET's new iPhones and get a plan that works for you – it's never been easier to get the phone of your dreams. With KNET, you can stay connected and on-trend with ease. Upgrading your phone has never been easier or more accessible.





## FROM THE NETWORKING DESK: 5 CYBER THREATS YOU MUSTN'T OVERLOOK

Today, we use the internet for almost everything – shopping, talking to friends, banking, and business. But, our growing reliance on technology is risky. Experts say, in 2023, we need to watch for more advanced cyber threats. In this article, you'll learn about the cyber threats that may be around in 2023 and how to protect yourself from them.



### Social Engineering

Social engineering is a type of cyberattack where criminals use psychological manipulation to get people to do something that helps the attacker. Phishing is a common form of social engineering. It's when the attacker pretends to be a trusted person, like a bank or a website, to get you to share passwords or credit card numbers. Cybercriminals are getting better at social engineering, so it's important to know how to spot and stop these tricks. Businesses should teach their employees how to avoid phishing attempts, use two-factor authentication, and keep security measures up to date. Not doing so could lead to data breaches and may cost you money and damage your reputation.

### Phishing

Phishing is a kind of social engineering. It's when crooks try to get your private information with a fake email, text, or website. They may pretend to be from your bank or a website you trust. They may say they need your passwords, credit card details, or personal information. To protect yourself, always update your software, use two-factor authentication, and have security protocols like firewalls or anti-virus software. Learn to spot phishing scams by looking for typos, links that seem suspicious, or requests for sensitive information.

### Vishing

Vishing is another type of social engineering. It's when

scammers use the phone to get personal information from you or to take your money. They may pretend to be from the bank, the government, or another reliable source. With vishing attacks, the criminals are getting better at their tricks, so stay alert.

### Spear Phishing

Another form of cybercrime is spear phishing. It's a type of phishing where the attacker targets a certain person or organization with a fake email. The message may ask you to click a link, download an attachment, or give away private information. If you click the link or download the attachment, the attacker has access to your device or network. To protect yourself, be careful of any message that seems strange or tries to make you feel scared or excited.

### Internet of Things (IoT) Attacks

In 2023, cyber criminals may also use the Internet of Things (IoT) to attack people. IoT devices can be almost anything that connects to the internet – like smart home devices or industrial equipment. These devices tend to be less secure than computers and servers, so attackers can often get into them easily. Once the attackers are in, they can move around the network and get access to other devices or sensitive data. To protect yourself, make sure to secure your IoT devices and update the firmware regularly. Even if you do this, you can never rule out the risk of an IoT attack, so have a plan to quickly detect and respond to any suspicious activity.

### Ransomware

Ransomware is a type of malware that stops you from using your files until you pay a ransom. Businesses and home users are both at risk of ransomware attacks. The attacker might send a phishing email to get you to download and install malware. Then, the malware will encrypt your files and demand you pay money to get them back. To protect yourself, keep your software up-to-date, learn to recognize phishing emails, and use security measures like firewalls and anti-virus software. If you do get attacked, have a plan to quickly react and restore your encrypted files.

To read more visit the KNET website and blog at [www.knet.ca](http://www.knet.ca).

## MEET THE TREATY 3 ARTIST THAT IS TAKING KNET'S SOCIAL MEDIA BY STORM!



What could be more beautiful than works of art that are inspired by animals and birds? Experience the artistry of Storm Angeconeb, the Indigenous artist from Treaty Three Territory that has been filling up the feeds of KNET, KOBE and more.

Storm Angeconeb, an Indigenous artist from Treaty Three Territory (Lac Seul First Nation) and Winnipeg, Manitoba, now based in Red Lake, Ontario, has made her art an

Continued on pg. 16





# WITNESS BEST-SELLING RESULTS: LAC SEUL DELIVERS PROFIT & HELP FOR THE COMMUNITY



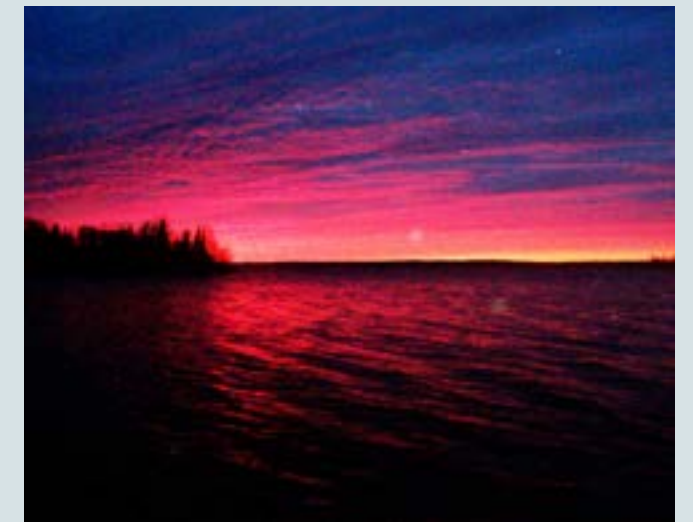
**The community of Lac Seul has long understood why having a community-owned reliable broadband network is essential. Lac Seul is the proud owner of their own wireless broadband network, connecting Frenchmen's Head, Kejick Bay and Whitefish Bay.**

This network is maintained by a talented technical team, headed by an IT Manager, and two technicians. The revenue from monthly bills has allowed them to employ these technicians and purchase new equipment, upgrading the network and making any necessary repairs. Thanks to their upgrade project with KNet, the community is now in the process of strengthening the network, as well as increasing

the speed available in homes and businesses. This has been made possible by the installation of fibre between the towers and the addition of 6GHz wireless equipment, making them one of the first Indigenous communities in Canada to test this technology. The fibre network has opened up even more possibilities for Lac Seul. As well as helping the communities to stay connected, it also allows them to work towards connecting fibre to local businesses and service centres. All this is made with the goal of competing with Starlink. Lac Seul plans to offer offering faster speeds at a lower price. This is an exciting and admirable journey and a great example of what can be achieved when a community puts in the hard work to own and operate their community broadband business. By continuing to invest and innovate, Lac Seul is in control of their broadband. We look forward to sharing more stories from the First Nations!

## FROM THE ARCHIVES

Explore some of the images from the KNET Media Archives circa the early 2000's



Treaty Days in North Spirit Lake First Nation. Date: June 10, 2002. Photos by Brian Beaton and Cal Kenny.





integral part of the Winnipeg landscape. From vibrant murals to illuminating lightboxes, Storm's work features animals and birds that represent herself and those close to her. Her work encompasses a range of art practices, including painting, digital art, and beadwork. Her commitment to her craft and her dedication to represent herself and her heritage through her art is evident in each piece she creates.

KNET and Storm Angeconeb joined forces in February, collaborating on artwork for social media posts. Their partnership kicked off with a powerful tribute to International Women's Day, featuring an illustration of Storm's grandmother, and has only grown from there.

Storm's designs bring a unique vision and beauty to KNET's posts, winning the admiration of both staff and followers. We're honored to have Storm as our partner, her work absolutely inspiring us all.

## Follow Storm

Facebook: <https://www.facebook.com/storm.angeconeb?mibextid=LQQJ4d>

Instagram: @stormangeconeb

Check out more of her work or purchase some prints through: <https://stormangeconeb.com/>

## CONTACT KNET



KNET OFFICES are open Monday - Friday from 8:30 am to 4:30 pm. Closed for lunch between 12:00 - 1:00 pm.

P.O. Box 1439, 115 King Street  
Sioux Lookout, Ontario P8T 1B9

Toll-Free: 1-877-737-5638  
Locally: (807) 737-1135

### Follow us on:

Facebook: @knetlp  
Instagram: @knetkuhkenah  
Youtube: @knet-kuhkenah9235  
Tiktok: @knetkuhkenah

Website: [www.knet.ca](http://www.knet.ca)

**For ad sales, collaborations and more information regarding Multimedia Design and website work, as well as communication services contact:**

### Gabrielle Wesley

Marketing, Media, Design, and Communications Specialist  
[gabriellewesley@lp.knet.ca](mailto:gabriellewesley@lp.knet.ca)  
(807) 737-1135 x. 1256

**For information on cell phones, sales and accounts contact:**

### Marie Carson

Cellular Sales Manager  
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(807) 737-1135 x. 1510

**For issues regarding internet connections, network problems and support contact:**

### Cal Kenny

Service Desk Lead  
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