



*The Prairie Bytes*

**INTO THE  
DEEP**

PRESENTED BY RTX

**FIRST  
TECH  
CHALLENGE**

**FIRST** **DIVE** PRESENTED BY Qualcomm

# PRAIRE BYTES SPONSOR PACKET

**Terry Public Schools  
Attn: Tech Club  
PO Box 187  
Terry, MT 59349**

**406-635-5533**

# What is FIRST?

The FIRST Tech Challenge (FTC) is a robotics competition program designed for students in grades 7-12. It's part of the broader FIRST (For Inspiration and Recognition of Science and Technology) organization, which aims to inspire young people's interest and participation in science and technology. In FTC, teams of students work together to design, build, program, and operate robots to compete in a head-to-head challenge in an alliance format.



# What have We done?

Each year, FTC releases a new game that presents unique challenges for the robots to accomplish. Teams typically have several months to prepare their robots and strategies before competing in regional tournaments. The program emphasizes not just technical skills, but also core values such as gracious professionalism, teamwork, and innovation. Through FTC, students gain hands-on experience with real-world engineering, learn valuable STEM skills, and develop critical thinking, problem-solving, and collaborative abilities that are crucial in today's workforce.

So far we have gone to one qualifying match and won fourteenth. We have qualified for state due to an award for robot control configuration, we have ranked 8<sup>th</sup> for that.



Tumbleweed Ver. 1

# WELCOME To THE Prairie Bytes

We are The Prairie Bytes.

A robotics team with members from Eastern Montana who are participating for the first time in the Montana FIRST Tech Challenge.

We have received grants for being a rookie team. These grants have enabled us to get our first robot kit but we're in need of other items.

Due to our location, travel expenses will be significant so we're looking for community support to help us out in our adventure.

Here is just a sample of what your support will help pay for:

- ▶ **Tournament registration fees**
- ▶ **Travel to qualifying tournaments**
- ▶ **Team shirts**
- ▶ **Tools for our workshop**
- ▶ **Banners to promote our sponsors**

# Meet the team

## ▶ Club Members

- ▶ Jacob Grey Eagle
- ▶ Collett Lapp
- ▶ Raynee Dion
- ▶ Zander Raisl
- ▶ Alden Canen
- ▶ Lloyd Lapp

## ▶ Mentors

- ▶ Darryl Pisk
- ▶ Kristína Lukašíková

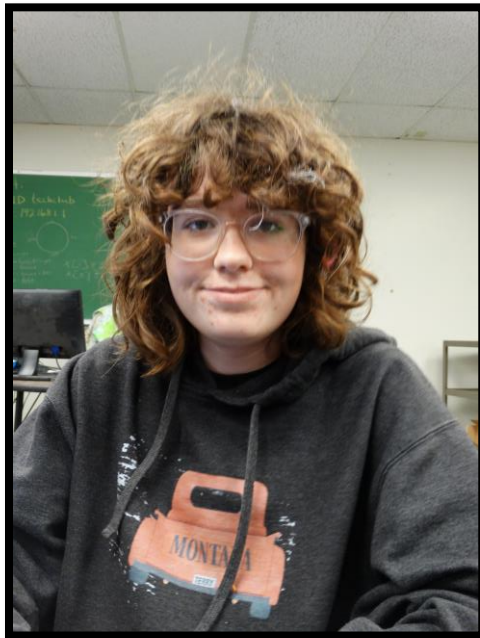
# Collett Lapp

Hi, I'm Collett. I'm apart of the PR, and design teams and I'm the treasurer. Some of my favorite things are Spotify, Pinterest, Percy Jackson, archery, and Bowling for Soup. At the meets I will be one of the coaches. If you don't know what that means I will be one of the people that's instructs the drivers and human players.



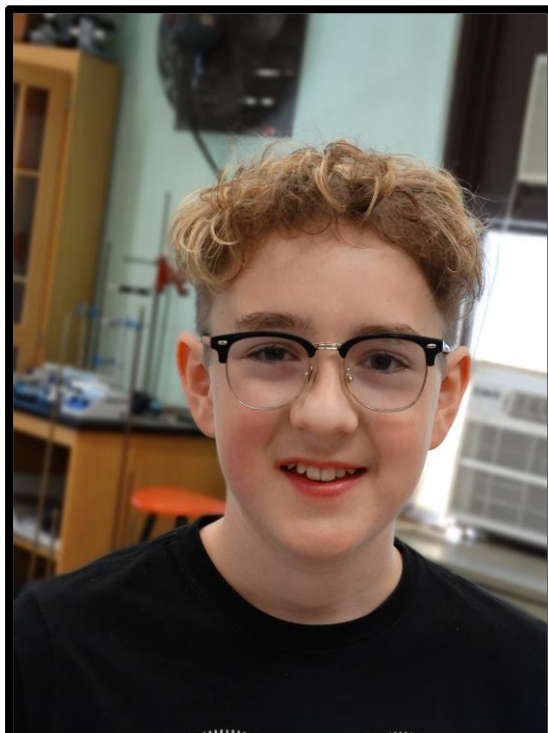
# Raynee Dion

I am working in part of the Design team and the Public Relations team, whilst also being the Photographer for the Prairie Bytes. I like lemon tea and frogs. I will be a human player at the meet. Basically I will receive a piece from a robot that I'll add a hook on to so the robot can hang the piece on a bar.



# Alden Canen

My name is Alden Canen. I love to play video games. My favorite game is called Fortnite. I also love to play with my nephews and nieces. I have 4 nephews and 3 nieces. My favorite subject in school is English. In English I love to diagram sentences. I will be one of the drivers for our team. I will be the driver who controls where the robot goes. I also code for our team. My favorite code I have done, is where I press a button and the robot will hang itself on a bar!  
I love being apart of the Prairie Bytes.

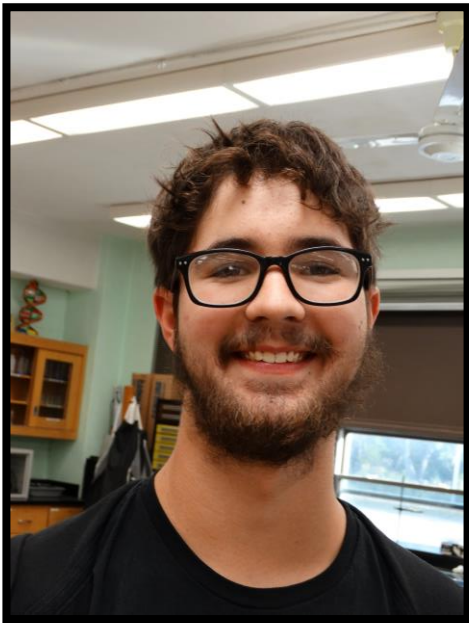




# Jacob Grey

## Eagle

My name is Jacob and I enjoy building with Legos and playing video games. My favorite book is *Percy Jackson*. I am 17 and have two brothers and three sisters. My favorite movie is the Blue Beetle movie.



# Zander Raisl



I am Zander Raisl, and I like to code. My favorite code for the robot was adding variable driving speed. (It went really fast!) I also like playing Minecraft in my spare time

# Kristína

# Lukašíková

My name is Ms. Kristína Lukašíková, I am a J1 Science teacher from Slovakia and a mentor in our newbie Robotics team. I love cooking, especially if I can explore new recipes and different spices from around the world. This goes very well with my passion for traveling the world which can be proved by the various pictures I took in different countries. Just ask me and I will definitely tell you a couple of stories.



# Darryl Disk

I've been the Terry School District IT coordinator for the last 8 years. I graduated from Terry High School many years ago. I joined the Navy right out of high school & spent the next 17 years working in naval aviation electronics, both in & out of the navy. Computers & electronics are my hobbies so robotics fit in nicely. I'm looking forward to a fun season. (I didn't get to pick my photo)



# Butte, MT 2024



# Our team promotion

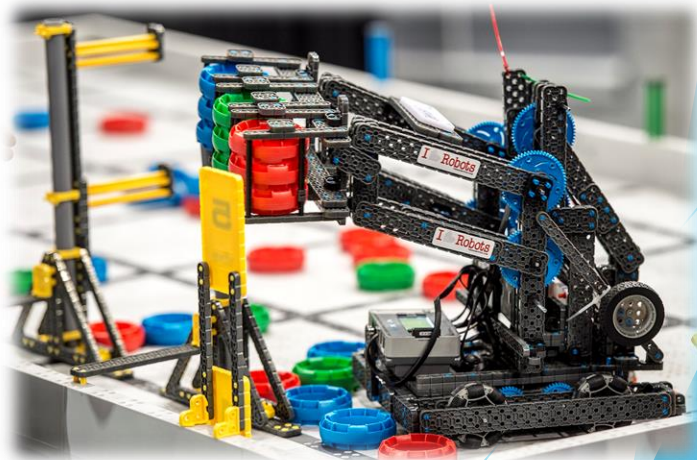
Website: [terriertech.co](http://terriertech.co)

Community Outreach.

The FIRST organization encourages interaction with the local community. Our season plans include:

Demonstrations at basketball half time shows.

Robot demo booths at the county fair & other community events.



# Our Budget

Below are some of our team's top forecasted expenses for the 24-25 season.



Season registration- \$295

Robot Kit- \$1,035

Robot Control Hub- \$315

Robot Expansion hub- \$250

Practice Field Parts- \$150

Food during practices: \$500

Demo booth/promotional material: \$800

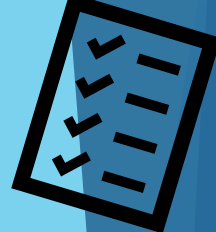
Projected Travel Cost for 3 meets: \$5,625

Team Uniforms: \$300

Season Total: \$9,270



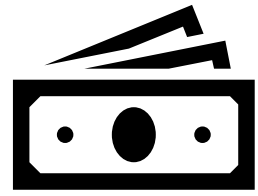
# Our Wish List



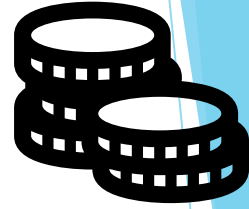
Travel to the 2nd qualifying event in mid January in Helena	Event registration, 2 nights hotel, food & gas	\$1,875
Travel to the state championship in February in Bozeman	Event registration, 2 nights hotel, food & gas	\$2,000
Bambu Lab P1S Combo 3D Printer		\$1300 (\$850 without dispenser)
Event Booth/Banners	Table, chairs, sponsor banners, & tent	\$800

# Socials

- ▶ Instagram- <https://www.instagram.com/prairiebytesftcteam2024/>
- ▶ Facebook- <https://www.facebook.com/profile.php?id=61568204356013> Prairie Bytes
- ▶ Youtube- <https://www.youtube.com/@PrairieBytes-z4z> Prairie Bytes
- ▶ Websites- <https://terriertech.co/>



# Sponsor Ship Levels



## What you'll get

### ▶ \$100-

- ▶ Your logo on our website

### ▶ \$101 – \$500

- ▶ Your logo on our website & social media.
- ▶ Your logo on our team banner that's displayed at matches & events

### ▶ \$501 - 1,000

- ▶ Your logo on our website & social media.
- ▶ Your logo on our team banner that's displayed at matches & events
- ▶ A team photo

### ▶ \$1001 - 5,000 or more

- ▶ Your logo on our website & social media.
- ▶ Your logo on our team banner that's displayed at matches & events
- ▶ A team photo
- ▶ Your logo on our robot

**Donations can be made to**

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