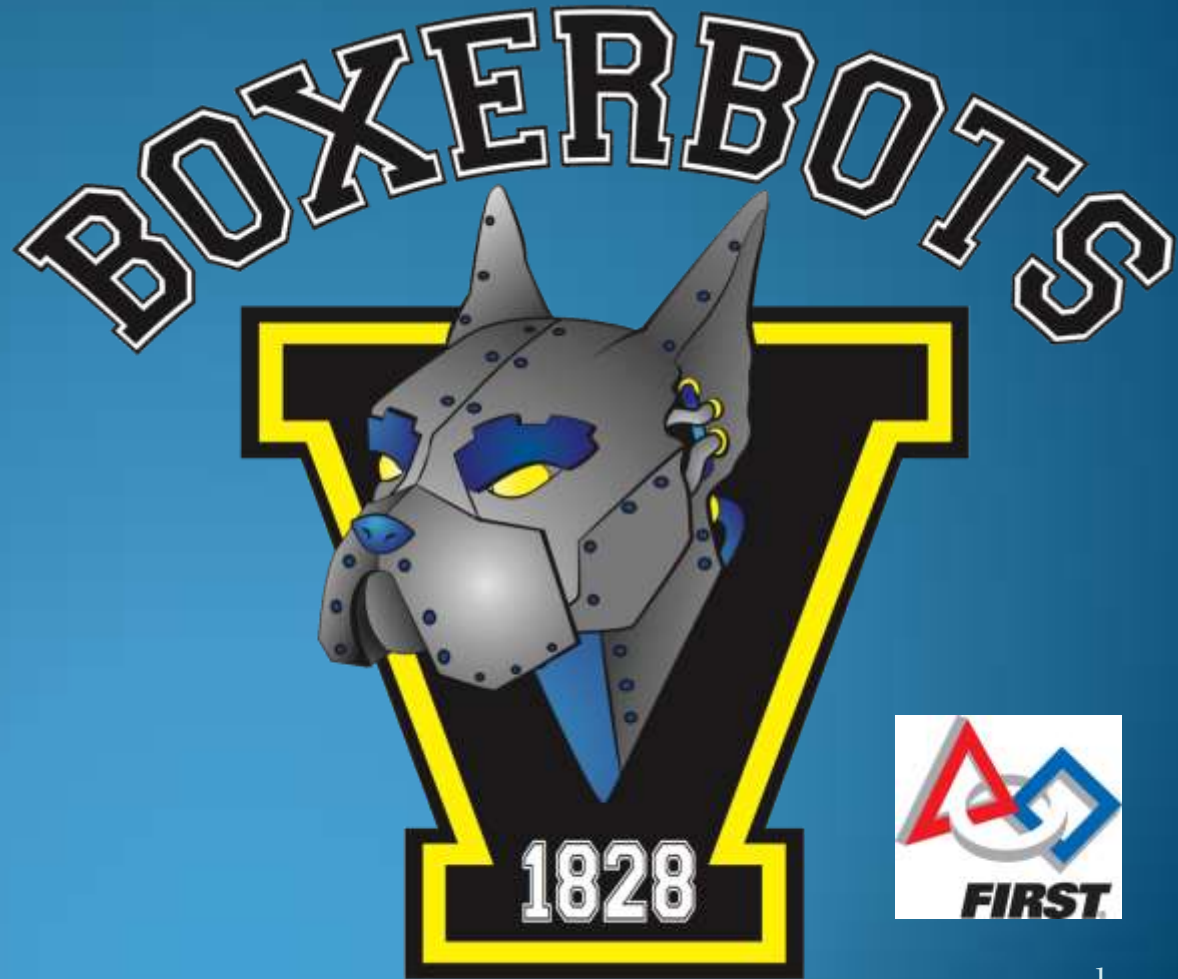


# FIRST®

Stands for:

For  
Inspiration and  
Recognition of  
Science and  
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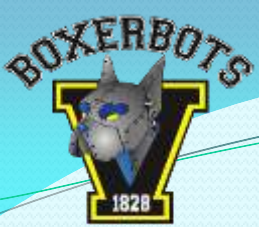




# 2019 Kick-off

- Kick-off is January 5<sup>th</sup>, 2019, when the objective for this season's competition is announced.
- Kit pick-up group will leave around 6 am from VAHS.
  - One adult, 3 students.
  - We are also hosting DVHS and transporting to PHX.
- The rest of us will meet at here at VAHS in the MPR.  
We will be open at 8am
- Video streaming begins at 8:30am.

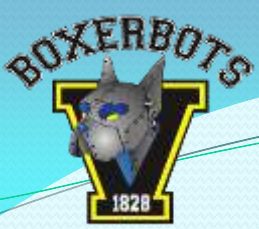




# 2019 Kick-off

- Team members will participate in providing snacks.
- Proposed division is:
  - **A-H: Baked goods**
  - **K-R: Fruit**
  - **S-Z: Drinks (fruit juice, water, capri-suns, etc)**
  - **Mentors: coffee, paper plates, napkins, plastic-ware**

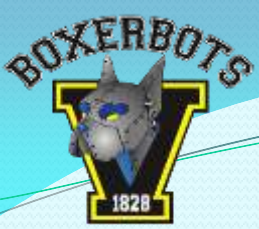




# 2019 Kick-off

- Objective for the day will be making sure we fully understand the game rules, play, and strategies.
  - After the video, we will break into subteams
  - Each subteam will concentrate on a subset of the rules
  - At the given time, we will reconvene as a whole and discuss the cumulative efforts.
  - Game strategy can then begin.
  - Design fundamentals
  - KoP team returns between 1 and 2pm.





# Build Season Timeline (example)

- Jan 5<sup>th</sup> – Kick-off. Understanding of game.
- Jan 13<sup>th</sup> – Design finalized.
- Jan 12<sup>th</sup> – Build begins. Mechanical, electrical, software.
- Jan 20<sup>th</sup> – Electrical Board complete.
- Jan 20<sup>th</sup> – Mechanical Primaries built.
- Jan 24<sup>th</sup> – Specialty sensors programmed.
- Jan 24<sup>th</sup> – Specialty sensors mounted.
- Feb 5<sup>th</sup> – Mechanical specials built.
- Feb 5<sup>th</sup> – 18<sup>th</sup> - Troubleshooting design, drive team game practice.
- Feb 19<sup>th</sup> – Bag & Tag.



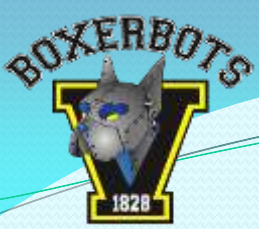


# Build season schedule

During the build season we meet:

- Mon, Tue, Wed, Fri, 4pm to 8pm. Dinner is usually served between 5:30 and 6pm.
- Thu hot-seat subteam meets (reduced numbers).
- Those with extensive HW can work up to dinner.
  - Not to be an everyday occurrence.
- Saturdays we meet from 8am to 2pm, sometimes later depending on the need of the build. Sign-up slots are available for lunches.
  - Not a homework meeting.



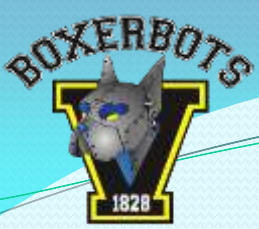


# What we need from you

- We need you to support your team member in keeping up grades and making meetings.
- Communication – this is a two-way process and we appreciate questions, concerns, notices, etc.
- We need you to support the team by volunteering to provide a meal one or two nights of the build season. This meal is usually for about 45 to 50 people.
- Make sure the forms are signed (student's).
- Make sure FRC Registration is complete.





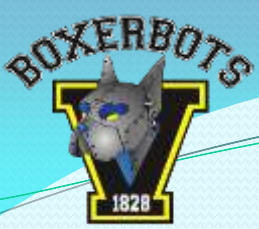


# Academics

- Build season tends to be rough on grades.
  - Academics come first.
  - Weekly grade checks. Discussion at first concern.
  - Mandatory week off if still in the danger zone in week 2.
  - CAN NOT travel if disqualified by grade check the week prior.
  - We usually travel on a Wednesday. Friday before is the last chance. Hotels are contacted on Saturday with final room count.







# Commitment

- Communication
  - Stay up-to-date on team information and happenings through the many methods of communication.
  - Primary is email. If you're not on the list, please email us and make sure we add you.
  - Calendar is shared through our website.
  - Sign up for Remind
- Investment – There is a \$125 participation fee (due by End of Year).

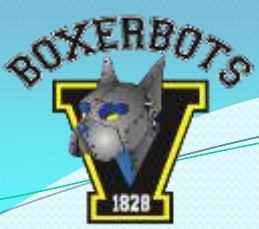




# Travel

- Students are required a minimum of 72 hours to participate in the home regional, 122 hours to be eligible to participate in the away regional.
- During build season there are over 176 hours of opportunity.
- Arizona North Regional in Flagstaff, AZ. (72 hours)
  - Leave Wed March 13<sup>th</sup> by 11am.
  - Return Sat March 16<sup>th</sup> around 11pm
- Utah Regional in West Valley City, UT (122 hours)
  - Leave Wed March 27<sup>th</sup> around 4am
  - Return Sun March 31<sup>st</sup> around 9pm

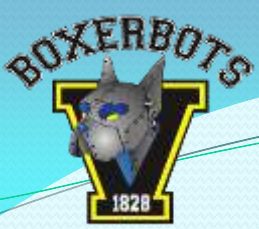




# Travel – AZ North

- Wednesday
  - Travel there
  - Load-in and pit setup.
- Thursday
  - Unbag robot.
  - Perform last-minute work.
  - Robot inspection.
  - Field programming.
  - Practice matches
  - Pit-scouting (networking)
  - 5 to 8pm Pit crew and drive team make fixes to robot while rest of team goes back to hotel.

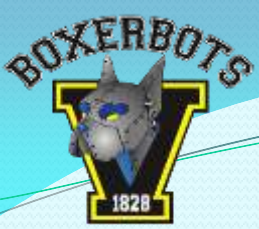




# Travel – AZ North

- Friday
  - 8:30 Opening Ceremonies
  - 9 to 4 Qualification matches.
  - 4 to 6 awards. 6:15 pits close.
- Saturday
  - 8:30 Opening Ceremonies
  - 9 to 11:30 Qualification matches.
  - 11:30 Alliance Selections
  - 1 to 4 Finals
  - 4 to 6 Closing Awards
  - 6pm Load-out and leave for home.





# Travel – Utah

- Wednesday
  - Travel there (leave by 4am)
- Thursday
  - Load-in and pit setup.
  - Unbag robot.
  - Perform last-minute work.
  - Robot inspection.
  - Field programming.
  - Practice matches
  - Pit-scouting (networking)
  - 5 to 8pm Pit crew and drive team make fixes to robot while rest of team goes back to hotel.

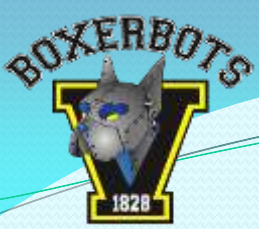




# Travel – Utah

- Friday
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- Saturday
  - 8:30 Opening Ceremonies
  - 9 to 11:30 Qualification matches.
  - 11:30 Alliance Selections
  - 1 to 4 Finals
  - 4 to 6 Closing Awards
  - 6pm Load-out and back to hotel.
- Sunday
  - Drive home (leave by 5am)



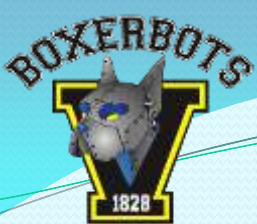


# Registering

- Student and Parent create separate accounts
- Parent must digitally 'sign' the Student's Consent and Release form.
- [Instructions](#)







Coach . created 1828 BoxerBots on Remind.  
Follow these steps to join!

1. Download the Remind app. It's free!



2. Enter the class code

**@1828bo**

Or visit this link:

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Join via SMS!

Enter this number  
**(520) 369-4657**  
with this message  
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What's Remind?

Remind is a simple way for you to stay informed and up-to-date with what's happening in your class. By joining your teacher's class on Remind, you're choosing to receive class messages via push notifications, SMS, or email. Don't worry, your phone number will not be shared with the teacher or anyone else in the class.

