

# Developing a Culture of Safety

Presented by Tyler and Nicki from Team 107  
October 26th, 2019



# Introductions



# Topics for Today

- Developing a Culture of Safety
- Bringing Safety in to your Build Space
- Bringing Safety With You
- Sharing Safety
- Group Activity
- Questions and Answer

# Disclaimer:

What works for our team may not work for every team. Here are just some of the tips and tricks we have used to help bring a culture of Safety to Team 107



# Developing a Culture of Safety

***“Safety is a common denominator across all aspects of life, hence knowledge should always be shared.” - Doug Bourne***

In order to develop a culture of safety, it has to touch all areas of your team as well as be a full team effort.

# Developing a Culture of Safety

*In order for safety to affect all areas of our  
Team, we have to:*

- Make it Prominent in our Team Space
- Bring it with us on the Road
- Share It

# Activity!

Let's look at what your teams are already doing and what we can learn to improve these areas of our teams. For each area, your team space, when you travel and how you share it with others, take 5 minutes to write down what you are already doing in those areas. Once completed, review your lists and come up with additional items you could be doing.

# Bringing Safety into your Team Spaces

## *New things we are Trying*

- Team Safety Station
  - We have a stand at the entrance of our build space with all our safety supplies. Everyone knows where it is and it is great for visitors.
- Visible First Aid Kits
  - We have 4 First Aid Kits at our build site. All are labeled with big signs so you can see their locations all over the build site.
- Safety Talks and Updates
  - Every Saturday during our Team lunch break, we have a Safety Talk and review a topic to help our Team be more safe.





2019 FIRST Robotics Competition Safety Manual  
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Safety Quiz 1  
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Safety Quiz 2  
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safety\_talk\_pre-event\_discussion.docx.pdf  
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safety\_talk\_1.docx.pdf  
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safety\_talk\_2.docx.pdf  
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safety\_talk\_3.docx.pdf  
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safety\_talk\_4.docx.pdf  
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## Our Safety Talks and Quiz Files



# Taking Safety with you on the Road

## *New things we are Trying*

- Trailer Safety Plan
  - There are a lot of heavy items that get loaded into the Trailer when we travel. So have a packing plan to make sure everything is correctly loaded for safety.
- Emergency Plan
  - We have an “In Case Of Emergency Plan” for when we are at our events so students know where to go and where to meet, just in case.
- Pit Best Practices
  - The pits can be a very dangerous place, especially with spectators stopping by to see the robot. We have a Pit Safety plan for when people are there and when we are working in the pit.

## Our Team Pit



Our Safety  
Stand Travels  
with us



# Sharing Safety

## *New things we are Trying*

- Including it in our Social Media
  - We are sharing safety on our media outlets, just like robot build progress. We want others to know it is important to us.
- Spreading it through out our Teams
  - We are teaching our FTC Students about safety and sharing our knowledge with them. It's important to share with all our Teams.
- Getting out in our Community
  - We are starting to host seminars where teams can come hear about how we improved our team safety. We have started working with our Sponsors Safety Teams to learn more.





<https://team107robotics.weebly.com/team-safety>


Our Team Website where we share our safety resources


HOME MEET THE TEAM EVENTS TEAM INITIATIVES TEAM PARENTS

At our build site, we have a hand tools, power tools and various other machine shop items. Students are required to review the safety sheets before using the equipment in the machine shop. For the power tools and machining equipment, students must wear their safety glasses and be have participated in the safety talks on the equipment.

 [band\\_saw\\_safety.pdf](#)  
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 [drill\\_press\\_safety.pdf](#)  
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### Safety Data Sheet Downloads


Safety Data Sheets (SDS) provide information related to using different chemicals when working with the robots. They list the chemical mixture used to create the item being used. Safety Data Sheets should be kept at one's robot build space and in a Team's pit area.


 [blehm\\_bp\\_bp9024.pdf](#)  
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Teaching our FTC Students about using the equipment safely.



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Thank You!





# Questions?

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