



Remote Teamwork

Programming



FIRST
TECH
CHALLENGE

Project Management



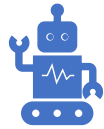
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Remote Programming of the Robot



Create a list of requirements.



What does your robot need to do?



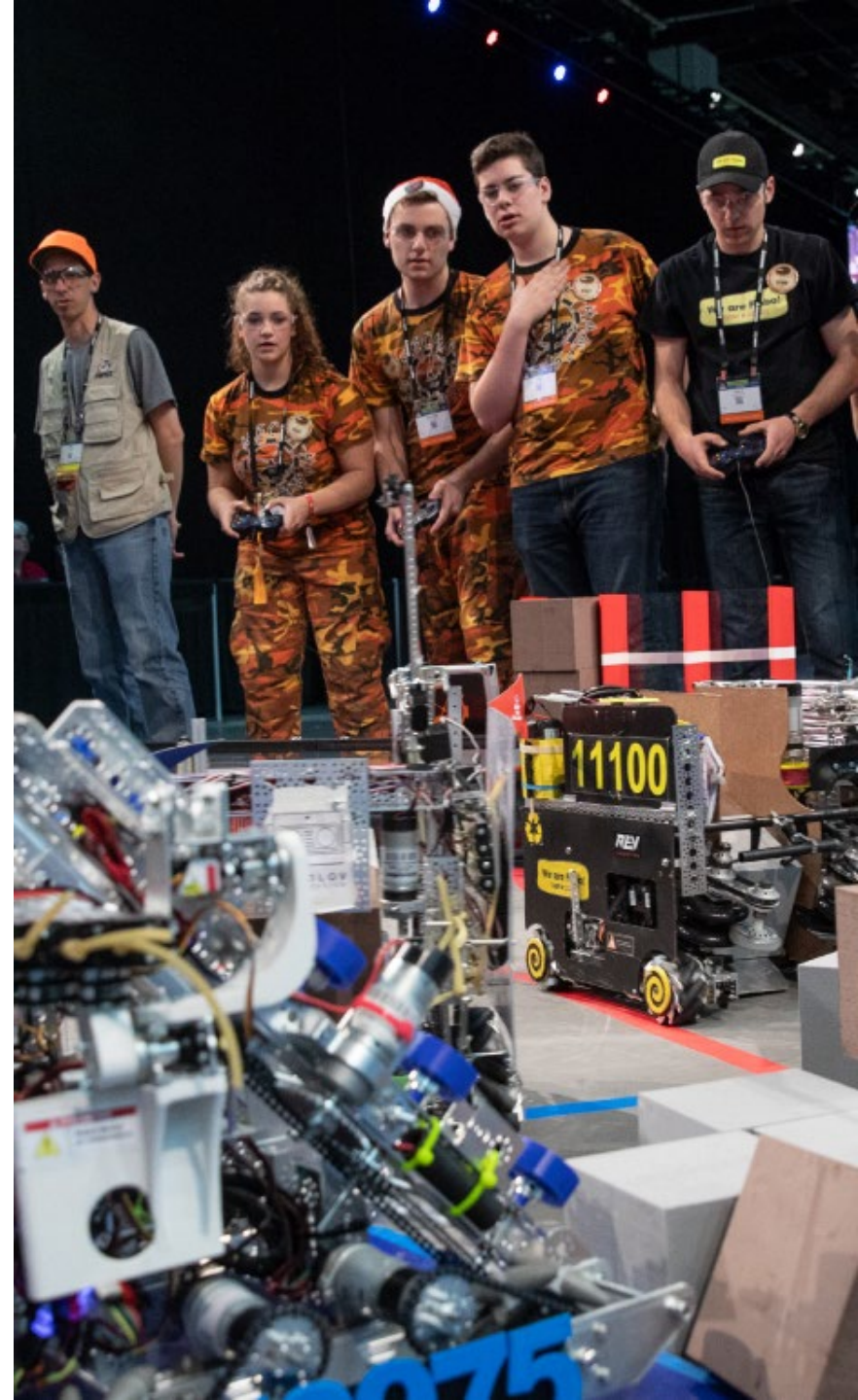
Check out the [Computational Thinking](#) video series



Project Management

Remote Programming of the Robot

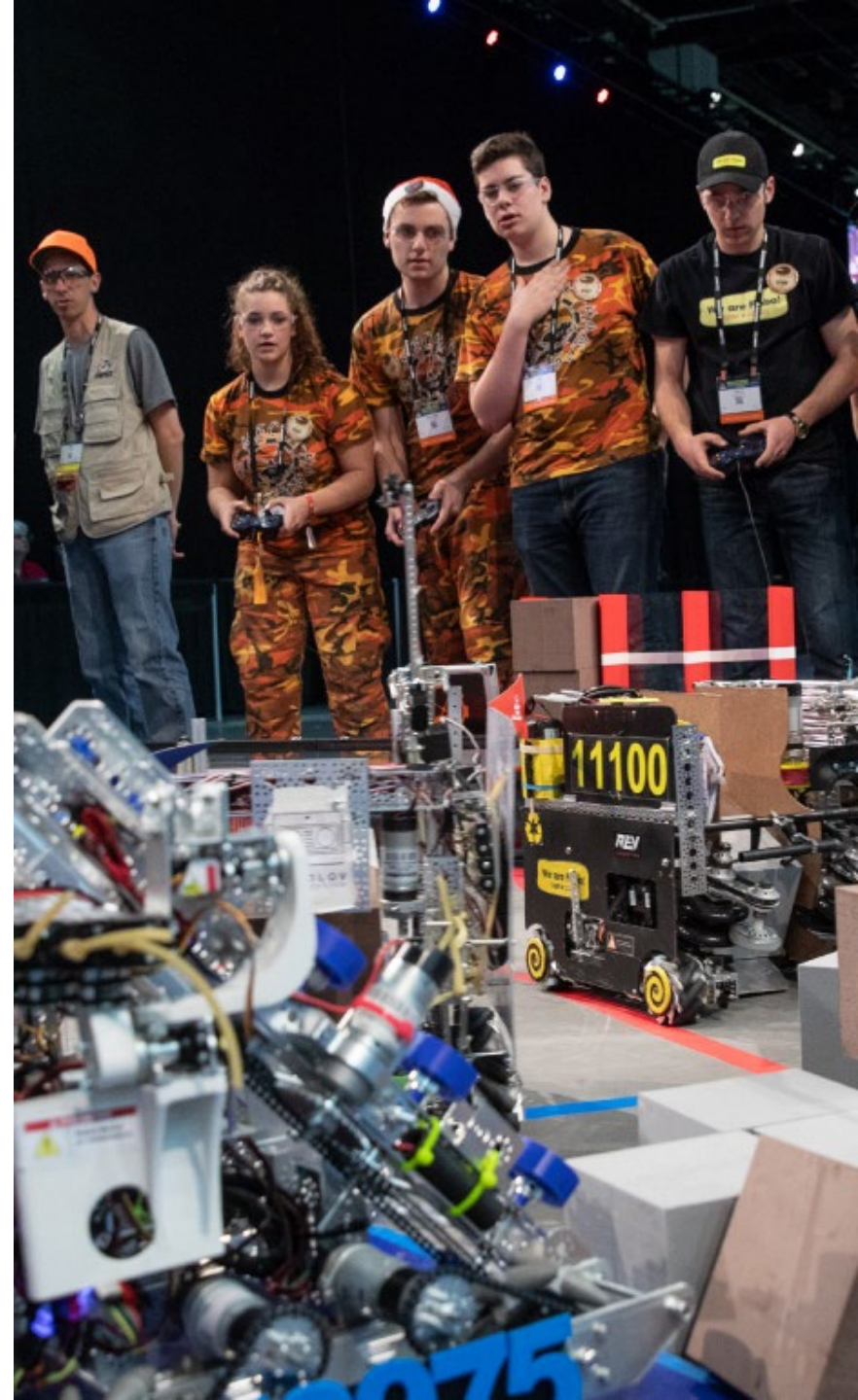
- Work together to create a prioritized list of tasks.
- Use the Roles and Responsibilities resource to write down tasks and assign.



Project Management

Remote Programming of the Robot

- Agree upon assignment of tasks (who will work on what?)
 - Do they need help from anyone to complete the task?
 - Can anyone help review what they have done?



Video and Chat Platforms



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Video and Chat Platforms

Remote Teamwork

- [Slack](#)
- [Discord](#)
- [Teams](#)



Best Practices



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Best Practices

Remote Programming

- Documentation
 - The required [Control Award sponsored by Arm, Inc.](#) is judged based on a two-page document about an aspect of the control system.
 - Commenting the code helps to explain the purpose.
 - Create a wiki for using the software.



Best Practices

Remote Programming

- Style consistency
 - Improves code readability
- Software management
 - Repositories vs. email
 - .zip files/removable devices
 - Why use Git?
 - Centralized storage for code.
 - Manages software changes.
 - Allows for easy sharing among team members.
 - Version history.



Resources






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Resources

Remote Programming

- [Github Tutorials](#)

What do you want to do first?
Every developer needs to configure their environment, so let's get your GitHub experience optimized for you.

 <p>Start a new project Start a new repository or bring over an existing repository to keep contributing to it.</p> <p>Create a repository</p>	 <p>Collaborate with your team Improve the way your team works together and get access to more features with an organization.</p> <p>Create an organization</p>	 <p>Learn how to use GitHub Get started with an "Introduction to GitHub" course in our Learning Lab.</p> <p>Start Learning</p>
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[Skip this for now >](#)



**Special
thanks
to our
volunteers!**

