

VEX IQ Level Up: Session 6 - Preparing Your Pit

Activity: Create your team's packing list for your VEX IQ competition event.

Your team will need to transport everything you need for the event - from your robot and controller to pens and pencils, to spare parts and extra batteries.

1. Walk through your team's space together, and think about everything you use during a team meeting.

- Think about what you use for fixing your robot, charging, documenting, and communicating effectively.

2. Write down each item on your packing list. Include details like:

- How many of each item you're going to bring.
- How you will transport the items.
- What preparation (charging, etc.) is needed before it can be packed.

3. Label everything you want to bring with your team name and/or team number.

Example packing list: Remember, this is just one way to create a packing list. Make a list that will work well for your team.

Item	Number	Preparation	Where it is packed	Packed?
Team Robot	1	2 license plates attached	Black crate	
				
Batteries	2	Charged		

Feeling Stuck?

- Talk through some competition scenarios, and see if you have the items you would need to problem-solve in each one. Add to your list as needed.

Discussion Questions

- How are we going to make sure our robot gets safely to and from the competition?
- Who on the team will be responsible for actually packing these items?
- How are we transporting everything to and from the competition?