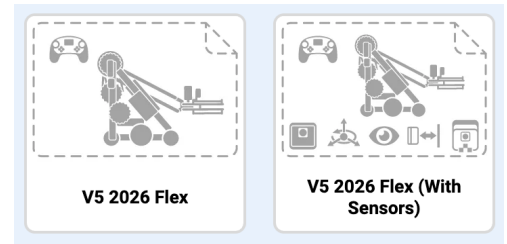


VEX V5 Override: Session 6 - Competition Template

Activity: Build and test your competition template.

1. In VEXcode V5, open the **V5 2026 Flex** template from example projects.
 - Choose the example with or without sensors, depending on your robot build.
 - [Use this article to help you open the template.](#)
2. Fill in the Note and then save your project to your device.
 - [Choose the device specific article to help you with naming and saving your project.](#)
3. Check the configuration, and ensure that your robot matches what is shown. Adjust as needed.
4. Configure your Controller based on your preferred driver configuration, and select **Done** to save your configuration.
 - [Use this article to help you as you configure your Controller.](#)
5. Plan for the 15 second autonomous period.
 - You can use what you did in virtual coding skills as a basis.
 - Add blocks to the **When autonomous** hat block to code your autonomous behaviors.
6. Download your project to your V5 Brain.
 - [Use this article to help you download your project to a specific slot on the Brain.](#)
7. Test your project!
 - [Use this article to help you with testing your competition template.](#)
 - As your project is running, observe the behaviors of the robot during the autonomous period – does your project work as intended?
 - Continue to iterate so that your project aligns with your strategy.



Feeling Stuck?

- Check out the [VEXcode API Reference](#) to learn more about the blocks in the Toolbox and how they can be used to code robot behaviors.

Discussion Questions

- What can you do during the autonomous period that will set your team up for success during driver control?
- Would your autonomous strategy be affected by which color alliance you are on? How and why?

Activity Checklist

- ☐ The competition template project is saved to your device.
- ☐ The Controller is configured in the project.
- ☐ Code is added for the autonomous period.
- ☐ The project is saved to the Brain.
- ☐ The project is tested with the Controller and runs successfully.