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VEX Robotics VIQRC 101 Mix and Match Session 2 Virtual Coding Station

INSTRUCTION MANUAL

Usage Instructions

Activity: Code Huey in VIQRC Mix & Match Virtual Coding Skills!

1. Open VEXcode VR.

- Select the VIQRC 25-26 Mix & Match Playground.
- You need your Team Number and Virtual Skills Key to open the Playground.

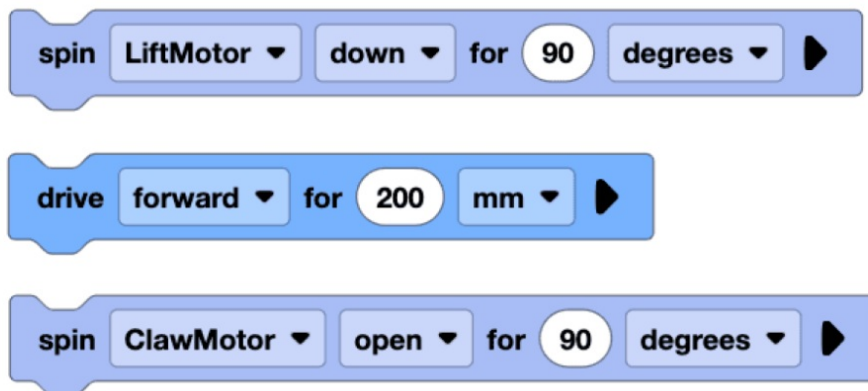
2. Watch the recording of the robot scoring a stack of three Pins on the page.

- Pay attention to the order of robot behaviors.

3. Use the blocks shown to the right to code Huey to create a three-color Stack:

- Stack the preload Pin on the Orange Pin.
- Move the Stack of Pins.
- Place the Stack of Pins on the Blue Pin.

4. Run your project often to test it. If your robot doesn't behave as you expected, try again!



VEXcode VR Reminders:

- Blocks will only run if they are attached to the When started block.
- Use the Reset button on the Playground to reset the field each time you test your project.
- Try changing the camera views to help you line up the Pins to stack them.
- Try using the Navigation Kit to help you plan and code your project.

Feeling Stuck?

Build and test your project one block at a time. This will help you understand the behavior Huey completes with each block.

Discussion Questions	Activity Checklist
What scoring task would you like to code Huey to complete next?	Each team member watched the animation of Huey scoring a stack of three Pins.
Why would you choose that scoring task?	Each team member added a block to the project.
What blocks would you use to code it?	Huey successfully completed the task.

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Specifications

- Product Name: VIQRC Mix & Match: Session 2 – Virtual Coding Station
- Brand: VEX Robotics
- Activity: Code Huey in VIQRC Mix & Match Virtual Coding Skills!

FAQ

Discussion Questions

1. What scoring task would you like to code Huey to complete next?
2. Why would you choose that scoring task?
3. What blocks would you use to code it?

Activity Checklist

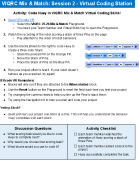
- Each team member watched the animation of Huey scoring a stack of three Pins.
- Each team member added a block to the project.

- Huey successfully completed the task.

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Documents / Resources

	VEX Robotics VIQRC 101 Mix and Match Session 2 Virtual Coding Station [pdf] Instructions VIQRC 101, VIQRC 25-26, VIQRC 101 Mix and Match Session 2 Virtual Coding Station, VIQRC 101, Mix and Match Session 2 Virtual Coding Station, Virtual Coding Station
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References

- [User Manual](#)

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