

Primary (K-2)

- **VEX 123 Castle Crasher:** (Coder) Use the Art Ring to add a castle crashing tool to your 123 Robot and code it to Crash all the castles on the Field into the Crash Zone without falling off!
- **VEX 123 Squirrel Away:** (Touch) Turn your 123 Robot into a squirrel using the Art Ring, and code it to gather as many acorns as possible and hide them in a tree for the winter!



Elementary (3-5)

- **VEX GO Castle Crasher:** Code the Code Base Robot to clear as many castles as possible from the Field in two minutes without falling off. Modify your robot to more successfully crash the Castles!
- <u>VEX GO Robots on Parade:</u> Turn your robot into a Computer Science themed parade float, and code it to travel a parade route with other Robots!
- <u>VEXcode VR Coral Reef Cleanup:</u> Code the VR Ocean Cleaning Robot to clean as much trash as possible off the Mangrove Reef before the solar-powered batteries on your robot run down.

Middle School (6-8)

- <u>VEX IQ Castle Crasher:</u> Compete to see which team can clear all the castles off the Field the fastest! Each team must code their robot to compete completely autonomously.
- <u>VEX IO Maze Race:</u> Compete to solve a maze as quickly as possible by Coding the Speed Build and using the Bumper Switch. The fastest time wins!
- <u>VEXcode VR Coral Reef Cleanup:</u> Code the VR Ocean Cleaning Robot to clean as much trash as possible off the Mangrove Reef before the solar-powered batteries on your robot run down!
- <u>VEXcode VR Castle Crasher +</u>: Write code for the VR Robot to clear as much of the castle as quickly as possible, but don't fall into the water!
- <u>VEXcode VR Rover Rescue:</u> Code your Robot Rover to stay alive for as long as possible by collecting fuel cells and fighting enemies on Planet Debug.
- <u>VIQC Virtual Skills:</u> Pitching In: Get as many points as you can in one minute by pitching balls into the low and high goals in the Pitching In Competition.



High School (9-12)

- <u>VEX V5 Castle Crasher</u>: Compete to see which team can clear all the castles off the Field the fastest! Each team must code their robot to compete completely autonomously.
- <u>VEX V5 Pizza Delivery:</u> Code the Speed Build to successfully deliver pizzas to the correct houses in this tasty challenge!
- <u>VIOC Virtual Skills:</u> Pitching In: Get as many points as you can in one minute by pitching balls into the low and high goals in the Pitching In Competition.
- <u>VRC Spin Up:</u> Code your robot to get as many points as possible by shooting discs into Low and High Goals, and spinning the Rollers!
- <u>VEXcode VR Coral Reef Cleanup:</u> Code the VR Ocean Cleaning Robot to clean as much trash as possible off the Mangrove Reef before the solar-powered batteries on your robot run down!
- <u>VEXcode VR Castle Crasher + :</u> Write code for the VR Robot to clear as much of the castle as quickly as possible, but don't fall into the water!