

VEX Tipping Point - VRC Theme It Up - Avalanche

Welcome to the world's greatest 2 minutes in robotics, the 2021-2022 game, Avalanche. Humanity is reaching higher heights than ever before, but with these successes, come grave consequences. Each team has one mountain, their platform, with explorers stranded at the top. In the first 15 seconds of the match, robots must autonomously gather as many resources for their team as possible, and once they are done, it is up to the drivers to carry out their mission alone. Shipping crates full of resources are represented by mobile goals and rings represent extra resources which can be used to accumulate extra points. Rings are 4.125 inches in diameter. Each Robot starts with up to three rings as a preload. Rings stored in the base of a shipping crate are worth one point each. Rings that are scored in the base of an Alliance shipping crate or the lower branch of a Neutral shipping crate are worth three points each. Rings that are scored on the high branch of a shipping crate are worth ten points each. Rings scored in an Alliance shipping crate are worth six points for the respective alliance wherever it ends the match. Rings scored on a Neutral shipping crate will only count for an alliance if the mobile goal ends the match in their home zone. Each shipping crate scored in a Home Zone is worth 20 points in addition to the points stored on the Mobile Goal. As the match draws to a close, robots will start heading back to their Alliance mountains. Each robot that ends the match elevated on a balanced Alliance mountain is worth thirty points for that alliance. Any shipping crates that end the match on a balanced platform are worth forty points. Getting shipping crates to the top of their respective mountains will be critical to winning the match. Most points can be accumulated taking shipping crates to the tops of mountains for the ease of access of the explorers. However, do not let the platform tip, or an avalanche may occur and all work may be lost. Be careful in sending crates and resources and balance them easily so as to not let the slide down the mountain. Thank you

for listening to this reveal of the 2021-2022 VEX Robotics game, Avalanche, and now go save some explorers!