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| Vex Worlds |  |
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|  | March / 16 / 2021Robot Competition |
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|  | Story InstructionsIntroduction The Exploration X sends six probes on Earth’s satellite. Three orange and three blue for each team. The orange probes represent Team Bravo, and the blue probes represent Team Echo. One team must win a game to return to the Exploration X. The team who wins a game goes first on the ship before the other team joins them on their returning destination.  The probes are set in a 12 x 12 arena filled with LED lights, metal platforms, spotlights, and multiple obstacles. In the arena, there are grey objects that are known as crates. The crates have a colored sticker on it, which labels the same color as the nets in which they are placed in by the probes. The nets located on each side of the arena, have color codes which are orange and blue. There are four nets in both sides of the arena. Each net can carry 3 blocks. Probes from the blue team will place crates with the orange sticker into the orange nets, and the probes from the orange team will place crates with the blue sticker into the blue nets.  In each game, there are four matches. Both teams are given 5 minutes during each match. If one team wins more matches than the opposing team, they win the game. Objectives and Rules One team must win the other by placing at least 3 color-coded crates in one net, for every 4 nets the team has. However, the other team must defend the nets by removing the crates, or by blocking the other probes from reaching the nets. As stated in the introduction, the orange crates go in the orange crates, and the blue crates are placed into the blue nets. If the right crates are placed into the other team’s nets, it adds 1 point to the team. If any of the team’s nets place the wrong crate in the other team’s nets, it takes away 1 point. If one team successfully places all three crates in the four nets, they win a match.  However, be aware that there are crates labeled with a red sticker set around the arena. If any probe bumps into a red crate, that probe will be no longer active for 30 seconds. If either probe ends up coming in contact with three of the red crates in 1 match, the probe is eliminated for 1 match.  The victory is based on which team has the most points based on each match. If Team Echo scores 16 points in all four matches, but team Bravo scores 15 points in all four matches, Team Echo wins. If one team has more points than the other team based on the total points they have in all four matches, that team wins. If all four of the probes in one team are eliminated, or if they fail to place all the crates in the other team’s nets in time, the other team instantly wins a match based on the points they have. | |  |

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|  | Conclusion So now you are ready to compete in the Space Arena. Just remember to reflect on the objectives and remember to have fun even if the game results in a loss. |  |  |
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| Thank you for taking part in this competition. |
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