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Mr. Anderson 7th & 8th grade: period 7

4/21/2021-5/17/2021

Theme it up the online challenge

The reason that all these robots are here is one reason. That is because of the Vex National Championship. All of these students have entered into Vex to learn engineering and such. So when it comes to many things like programming. Ultimately, it will come down to the autonomous task that the robot will undertake by the programmer's code. To add to that, there will be a time where the team has to control via remote so the robot can pick all of the color-coordinated balls into the team's area. There will be 6 points for the team's ball in the area. Six points would be rewarded for an autonomous period. Total there are 36 balls, 16 red, and 16 blue. Due to this, there are nine goals in the area row 1,

2, and 3. The balls will be held on a 12x12 field. These contenders and students to think about how they will design their robot and what the guidelines are that they have to follow. Due to this, the contenders will have to think about what type of drive the robot will have and how the individual robot's drive chain will work and include how they will pick up the balls. The main reason is that people compete so that they can send their team into worlds. The reason students want to win is it gives them experience. To add to that, when you have the motivation to win because there is a chance to win opportunities to worlds or win money to fund the Vex team to further their knowledge and robot. Gradually, the better that you can do better prizes that you can win. So this allows the participants to keep the attitude of trying and feeling the need to help the team succeed in any way possible. I believe that the theme of this game is dedication. The reason that I say this is because there are people that have never known anything about robots. But once they have started learning about them and started to get informed about everything and what does what then the people will become interested in learning more. This applies to dedication because when you start learning as a team you will become dedicated and then use all that information that you have been able to learn and put that into us towards a robot. And that knowledge will come with what type of intake system you want and the drivetrain or if you want an H drive or a U-drive. There are so many options to pursue but you have to pick one and so once you put your mind towards it then you will do anything to make that robot to the best ability that it can. But you also have to keep the robot inside regulation so that it passes inspection so that when your robot's ready and the

code is in then you will truly have to give it all due to the dedication and time that you and your team have put inside that robot. And with all your best put into this project then only and only then will the best and most dedicated team make it to the championships. So this is this year's theme it up of the challenges and all the givens that come with it.

