

Theme it Up – CLEAN UP!

This is all about the VEX Robotics Game, Clean Up! This game is very similar to Change Up. In a tournament, four cleaners move on a twelve-foot by twelve-foot ocean. At the beginning of the race, there are nine pieces of coral that are either filled with seaweed or fish in the ocean. There is a fifteen-second TCPS, or Two Cleaners Preplanned Session, where the cleaners do exactly what they planned to do before they got into the ocean. In this session, the cleaners are not allowed to cross to the other side of the ocean. A cleaner's comfort zone includes the three pieces of coral that are closest to the cleaner's starting position. If an alliance scores all the coral in their comfort zone during the TCPS, they get a WDP, Well Done Point. If not, they won't have a head start in the race to clean the ocean.

After the TCPS, the cleaners have one minute and forty-five seconds to actively try to reach their goal. This session is a live session, where the cleaners can do whatever they want, they are allowed to do anything they think of on the spot. This session is called the FCLS, Four Cleaners Live Session. Two of the four cleaners, the yellow alliance, try to remove the seaweed and bring fish to the coral. The other two cleaners, the green alliance, try to add seaweed and remove fish from the coral.

At the end of the race, the ROC, the Retired Ocean Cleaner, will calculate the score of the race to determine the winner. The coral is arranged in a three by three pattern. If one of the alliances has a row, three corals side by side that are owned by them, they get an additional six points. Every row scored for either side is six points each. Every fish or piece of seaweed that is in a coral is a point for that team. The item that is the highest in the coral owns that goal. Only three items are allowed to be in a coral. If there are four, the item that is sticking out of the coral does not count.

In a skills competition, there is one cleaner in the ocean. That cleaner has one minute to remove as much seaweed and add as much fish as possible. This session is like a FCLS but is about only one cleaner and it lasts only one minute so this session is the OCLS, One Cleaner Live Session.

There is also another one minute session where the cleaner must do exactly what it planned to do before getting into the ocean. This session is similar to a TCPS but this involves only one cleaner and is one minute long. This session is called the OCPS, One Cleaner Preplanned Session. A skills competition is scored just like a tournament without WDPs. To find a cleaner's total score, you need to add the score of the OCLS and the OCPS. A tournament and a skills competition are similar but different in many ways.

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