

Overview of Our Product

We are team 2657A, the Sandpiper Hexperts, a new VRC team consisting of members with different ages, grade levels, genders, experiences, and interests. Our product is called the Ringmaster Supply Holder. Our team used rings and poles from the VEX IQ game, Ringmaster. We used red, green, and blue rings to make the holder part. For the handle part of the holder, we used gray poles. The Ringmaster Supply Holder allows students to put their everyday school supplies into one holder each per person. When schools start to open up, teachers will want to clean students' desks. They can lift up the holder that's on the student's desk or they can quickly move the holder aside and then put the holder back.

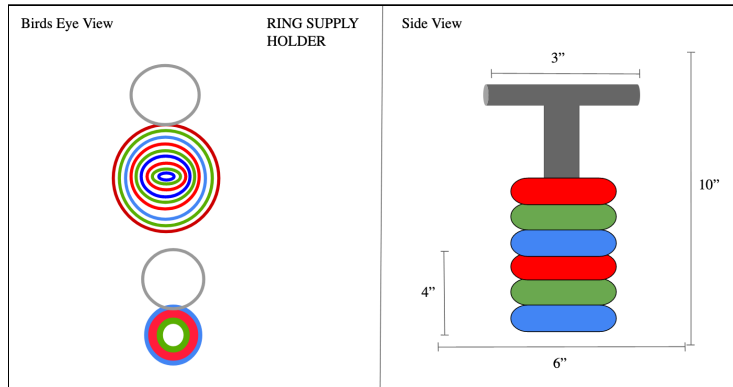
Why We Decided to Create This Product

We decided to create the Ringmaster Supply Holder because it is helpful for students and teachers in a classroom, to follow the safety precautions of staying 3 feet apart. For younger children, this is especially important because they do not have access to the COVID - 19 vaccine yet. Our product allows students to have each of their own holders, making it very convenient for students and teachers. Students as young as kindergarten can use our product safely because it has no sharp edges. The bright colors of the rings will appeal to young students. It has been proven that students are able to understand, learn, and communicate better in a classroom, and our product makes transitioning from distance to in-person learning a safer experience.

The Making of the Product

Our team wanted to make a product that was mainly focusing on helping students and teachers in a classroom, especially as schools start to open up again. The first step that came up to us was first looking at previous materials that were in VEX IQ. We looked at the hexballs from Crossover, hubs from Next Level, and orange plastic balls and cubes from Squared Away, but ultimately chose the rings and poles from Ringmaster. We hot glued the rings and poles together to create the holders. We also attached a circular shaped cardboard

piece at the bottom of the holder, to ensure no supply fell out of the bottom. We brainstormed creative ideas to shape these items into something uncommon, something authentic that would catch the judges eyes.



After brainstorming, we created prototypes of our product, and decided upon a name. The Ringmaster Supply Holder! We hope that our product will create a safer and more-enjoyable return to school in the Fall of 2021.