

THE SKY TIDY

As a robotics club, we consider it essential to integrate with other areas of school life, as the skills and lessons are easily transferable to other subjects. We believe in putting STEM principles into practice at our school, particularly in Technologies like Graphics and Hard Materials.

These are very precise disciplines that require a good eye for detail and clean lines. However, thriving in this environment can be difficult when work stations are messy and disorganised, and tools are not put away correctly.

To solve this issue, we utilised the cubes from the 2014-2015 VEX EDR game 'Skyrise'. We found that we could pull apart the cubes into smaller, more versatile parts, and create towers with elegant crenellations. The width of the cubes were the perfect size for individual containers holding pencils, glue-sticks, set-squares, and scissors. We designed the height of the towers to be able to house T-Squares with ease and also to accommodate the average height of our students.

We supported our towers with wholly intact cubes in the centre to ensure structural integrity. We also found that we could saw off the tops of the cubes (with adult supervision) to create a nice base for the structure to sit on.

Please enjoy our video showing how we recycled previous VEX parts to use in a Technology Classroom.