

**Why you should consider VEX Robotics**

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**Team: 3150M**

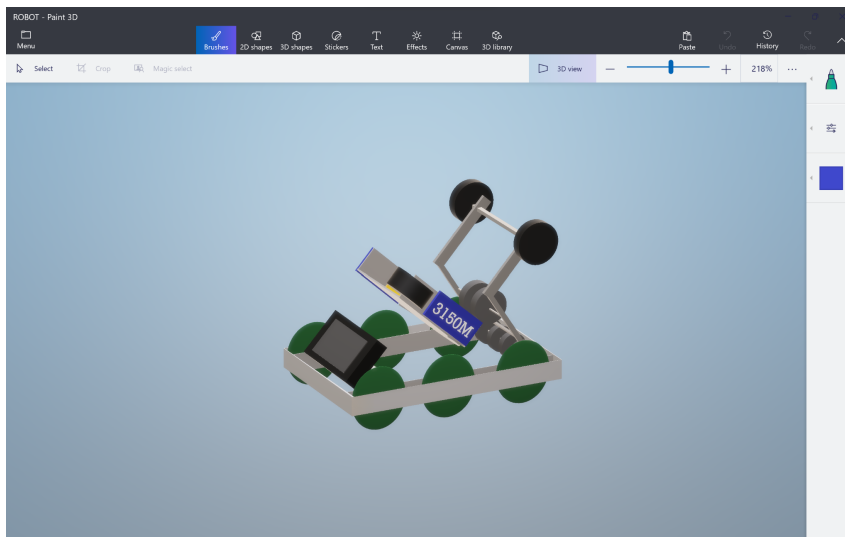
**Richmond Hill, Ontario**

## Poster Description

Our poster is an informative poster that encourages and promotes anyone interested to get involved with Vex Robotics. There are 4 main sections that provide a general overview of the different facets of involvement in Vex. The first section gives a brief description of what Vex is and about this year's Spin Up gamemode for the Vex Robotics Competitions. The second section talks about the sense of community within Vex and how one can join or create teams to participate in competitions. The third section goes more into detail about competitions and how they work. Finally, the last section discusses what can be gained from getting involved with Vex in terms of education and experience. It specifically mentions how members of teams can take on different roles such as builder, designer, programmer, and more to gain experience and knowledge.

## Design Process

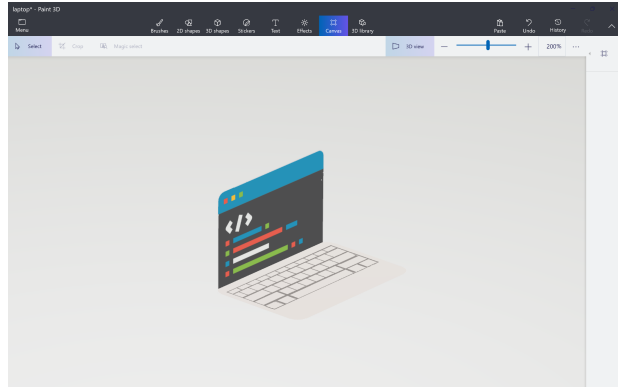
I decided to use Canva as the main software for designing the poster, but used many other ones for designing and editing icons and images (i.e.: photopea for photoshopping and editing images, remove.bg for removing backgrounds from images, Microsoft 3D Paint). Any artwork, image, icon, or logo is either made by me or is available online for free use. The "Vex Robot Example" was made by me using Microsoft's 3D Paint software and is a depiction of 3150M's latest authentic robot design. The reason I created a 3D model was in order to get a desired angle on the robot to include as an image on the poster which would not be possible if I were to obtain an image of a random Vex robot on the internet. Below is a closer image of the 3D model used in the poster:



The laptop icon in the "what do you gain?" section of the poster is also a product of 3D Paint design (although, a part of it is from a different image from Canva's list of free-to-use icons and graphics). The purpose of this addition was to represent the coding aspect of Vex Robotics. Below is an image of the original image and the edited one using 3D Paint:



**(original)**



**(modified)**

Other original artwork include the Vex disc icons used in the title of the poster. This was made using Canva and Remove.bg (used for image background removal). The Vex text displayed on the disc (and in the title) was taken from an image available on the internet for free use. Furthermore, the general theme and color scheme of the poster is inspired by the color scheme of the Silver Owl organization's logos and designs; blue and black.