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The VexIQ Competition online poster created was based on real-life scenarios that occur in the robotics lab and what it would look like first starting off. It takes a while before you start building robots from scratch, you need to first build an easy robot.

The first panel is of a person building a beginner's robot. A controller is sitting on standby and it looks like they're just readjusting cables at the back of the robot. It says "BUILD" in blue letters and that's what you'll be doing as part of a robotics team, you'll be building.

You won't only be building, you'll also be designing. The engineering book will be the place where you document your findings and discoveries on its pages. The reason it says "DESIGN" is that you'll also catalog what you plan to do to your robot. Ideas, prototypes, finished products, changes, and many more will be stored in your engineering notebook. Designing is just as important as building.

A robot can't be itself without its code. It is an essential set of instructions that helps it know how to execute its tasks. The drawing is based on the VEXcode IQ website, where robots both beginning and advanced will be given their digital skeleton. This is when you "CREATE" your robot's 'personality.' A code can be seen as a personality, as without it, the robot is just a jumble of parts that isn't easy to control and maneuver.

The last part of this would be to "COMPETE." VEX IQ competitions are a blast to be in. You get to show the opposing teams what you're made of and you can get new ideas for your robot from those teams. Who knows? Maybe you'll come home with a shiny new medal, a poster to show your victory, and a trophy that will become your and your school's bragging right.