

**ELIJAH**

## **INTRODUCTIONS**

### **YOU ARE AFTER JESSICA AS SHE IS WALKING BACK**

Hi, I'm Elijah, I'm a builder and enjoyed researching the innovation project for the team.

### **ABIGAIL TURNS POSTER AFTER JESSE FINISHES INTRODUCTION**

## **PROJECT SPARK**

### **AFTER JESSICA**

The amount of generators needed to support the US is anticipated to continue to grow at 7.4%. With more generators being relied upon there is an increase in generator failures. We are seeing more vulnerability with the power stations due to disasters caused by changing weather conditions across the region. Low fuel, no fuel, or bad fuel are the most common reasons a generator fails. Human error lends its hand in this because the generators aren't maintained or tested often enough.

### **THEN PLEASE HOLD UP & READ THE 3D MODEL**

### **LEVI TURNS POSTER AFTER ELIJAH ASKS IF THE JUDGES HAVE QUESTIONS & THEY FINISH ASKING QUESTIONS.**

## **ROBOT DESIGN**

### **1ST**

During this season we have made many modifications to the robot, some are shown here. We had to change the design as we tried to add missions and couldn't get the robot to be consistent.

## **MISSION STRATEGIST**

### **AFTER ISAIAH**

We were surprised to learn that many of us would soon volunteer to do it. We really enjoyed this challenge as it included a lot of critical thinking, communication, and coordination.

### **JESSE TURNS POSTER AFTER MAGGIE SAYS...built a new attachment that does 2 missions.**

## **CODING:**

### **1ST**

We started with basic blocks, like moving and steering to learn about the robot. Here's an example of our Pseudo code that we put into coding.

## **CORE VALUES**

### **YOU GO 1st**

Core - The Center

## **FRUIT OF THE SPIRIT**

### **AFTER ISAIAH**

Faithfulness, Gentleness

## **ABOUT OUR TEAM**

### **YOU GO 1st**

Our voting process, when we all didn't agree we could conduct a blind vote.

### **AFTER JESSE says about his grandfather**

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### **AFTER JESSICA SAYS A**

BOTTS!