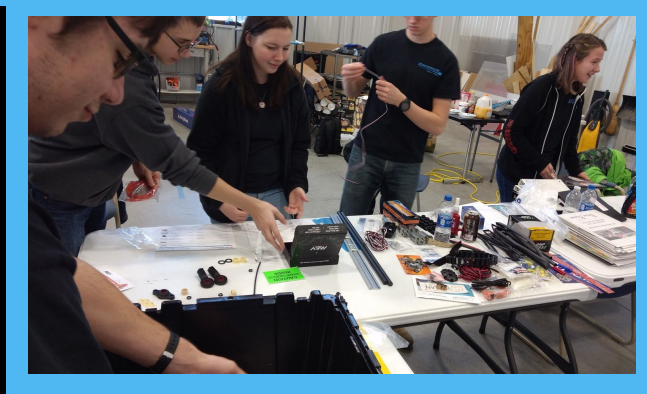
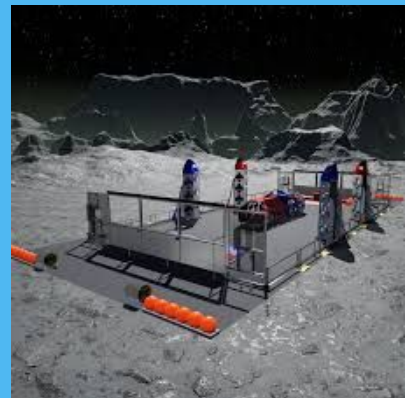
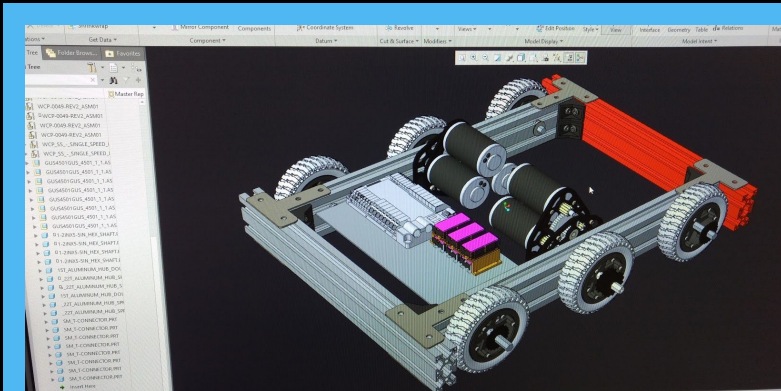


TBD'S BEGINNINGS

BUILD SEASON-WEEK 01



INTRODUCTION

LET THE GAMES BEGIN! WE ARE A 9 STUDENT HIGH SCHOOL FRC TEAM BUILDING AN INDUSTRIAL-SIZED ROBOT TO COMPETE IN THIS YEAR'S GAME, DESTINATION: DEEP SPACE. CRYONICS IS A 2ND YEAR TEAM.

DESTINATION: DEEP SPACE: [HTTPS://WWW.YOUTUBE.COM/WATCH?V=Mew6G_OG-PI](https://www.youtube.com/watch?v=Mew6G_OG-PI)

THIS WEEK'S AGENDA

1. ORGANIZE AND PREPARE ROBOT BUILDING ELEMENTS

WE RECEIVED OUR SHIPMENT OF PARTS, CALLED THE KIT OF PARTS, OR THE KOP. WE THEN UNPACKED AND INVENTORIED ALL OF THE PARTS, ALLOWING US TO FAMILIARIZE OURSELVES WITH THEM.

2. DESIGN OUR ROBOT. BRAINSTORM!

DRAWING INSPIRATION FROM THE UNIVERSITY OF WATERLOO'S R13D TEAM, WE BEGAN DESIGNING THE SUBASSEMBLIES OF OUR ROBOT IN CAD, NAMELY PTC CREO PARAMETRIC AND AUTODESK INVENTOR. WHAT ARE WE GOING TO NAME THIS? WELL, WE AREN'T ACTUALLY SURE YET. FEEL FREE TO COMMENT AND LEAVE YOUR OPINION. IT IS FAIRLY EARLY TO NAME OUR ROBOT AS IT DOES NOT EXIST YET, BUT ANY INSPIRATION IS DEFINITELY WELCOME.

3. CONTEMPLATE AWARDS

FIRST IS MORE THAN ROBOTS! WE TALKED TOGETHER AS A TEAM ABOUT THE WOODIE FLOWERS AWARD AND THE CHAIRMAN'S AWARD.

OUR ROBOT: ITS TECHNICAL REQUIREMENTS

1. NEEDS A VISION SYSTEM SO THAT IT CAN LINE ITSELF UP TO THE LOADING STATIONS MENTIONED IN THE VIDEO.
2. NEEDS TO BE ABLE TO HANDLE CARGO AND SCORE IT INTO THE 2ND LEVELS OF THE ROCKET.
3. LEVEL 2 CLIMB ABILITY
4. HATCH PANEL PLACEMENT ABILITY AS WELL



END OF WEEK 1 UPDATE BLOG