



AEROSPACE & ENGINEERING CLUB SAGEMONT PREPARATORY SCHOOL



STUDENT MAILBOX DESIGN By: Star Roar





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The Sagemont Prep Team









SREEMONT PREP









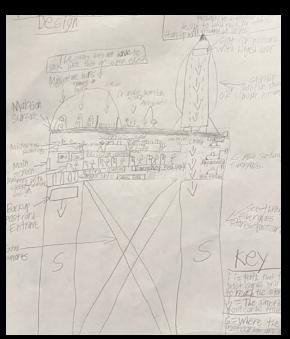


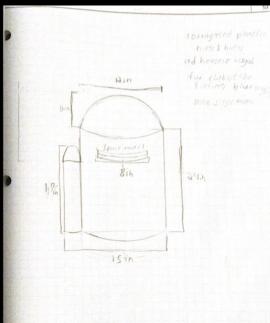


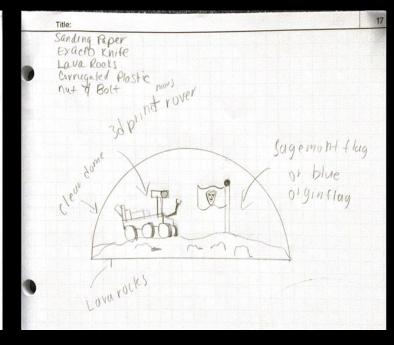


Phase 1 - Brainstorming

These are the sketches we made when we were brainstorming ideas for the mailbox. Our theme for this year was Mars, so we considered adding Mars terrain to the design. In our original plan, we decided to include a rocket.









Phase 2 – Decision and Materials

Our team decided on a cylindrical body for our mailbox, featuring a clear dome top with a Mars terrain inside and a New Shepard rocket on the side. There was a challenge with creating a cylindrical body. In the end we repurposed a common household item.











Phase 3 – Building

After some testing and ordering materials, we went in to full gear, motivated to start the final construction of our mailbox. Following our carefully-examined plan, we progressively put together items and implemented ideas along the way. We made the Mars terrain using paper mache. We cut out the mail slot and holes where screws would be placed.











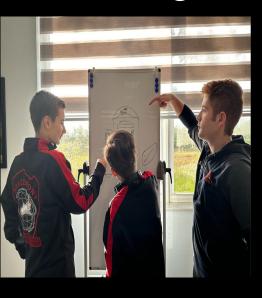
Photo Gallery

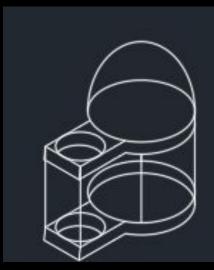
Planning

Sketching

Drafting

Building









Planning





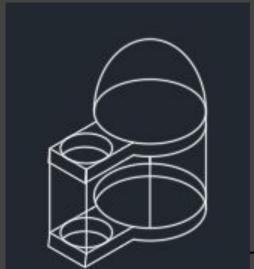


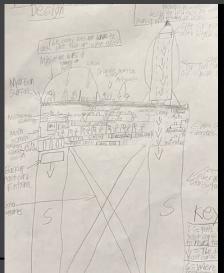


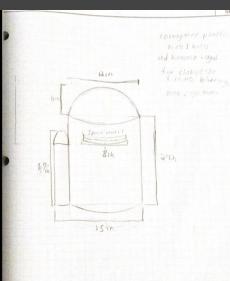
Sketching

31" Height 15" Width









Drafting







Building







Q&A



At this time we will be taking questions.

THANK YOU FOR WATCHING THIS PRESENTATION. WE HOPE YOU ENJOYED IT!



JOSE ANTONIO ALICEA MAKALO THOMAS - MAXX ROUCA