

# T.E.S.A News

November

## TESA Bonfire!

*Grab your presents and your s'mores!*

This year on December 11th, TESA will be having a bonfire at Frank Rendon Park on beachside. At this bonfire we'll talk, play games, and enjoy one another's company before we go on our Christmas break. Also, we'll be doing a white elephant exchange, which will require students will bring in a gift to share. Everyone will pick a random gift from the table and have the option of exchanging theirs for others depending on the number they're given. So, come join the academy in fun and fire at the beach!

**There is one thing that pilots are vulnerable to  
catching when they fly, the flew!**

- Mrs. Silva



## Hoodies and T-shirts

*Get your merch now!*

Attention T.E.S.A students! Our shirts and hoodies have finally arrived. Make sure to visit Mrs. Silva if you pre-ordered anything. Don't worry if you didn't pre-order, more orders can be made so make sure to contact Mrs. Silva to get on the next order.

# T.E.S.A Potluck

## *Tesagiving!*

On November 18th TESA held a Thanksgiving potluck. It was a huge success; we had a great turnout with students from every grade participating. Students brought in chicken, desserts, drinks, and homemade dishes. Students spent time eating food and socializing with other members of the academy. Thank you to everybody who attended, and a special thank you to everybody who helped it run smoothly.



Did you know that air is a fluid? Students in AT2 got a chance to find out that air is in fact, a fluid. Students saw this demonstrated through a fun experiment where a carbon dioxide filled beaker was poured over a tealight candle. The carbon dioxide gas, being a fluid, traveled to the tealight and put the flame out. This was a fun and exciting way for students to see the fluidity of air in action!

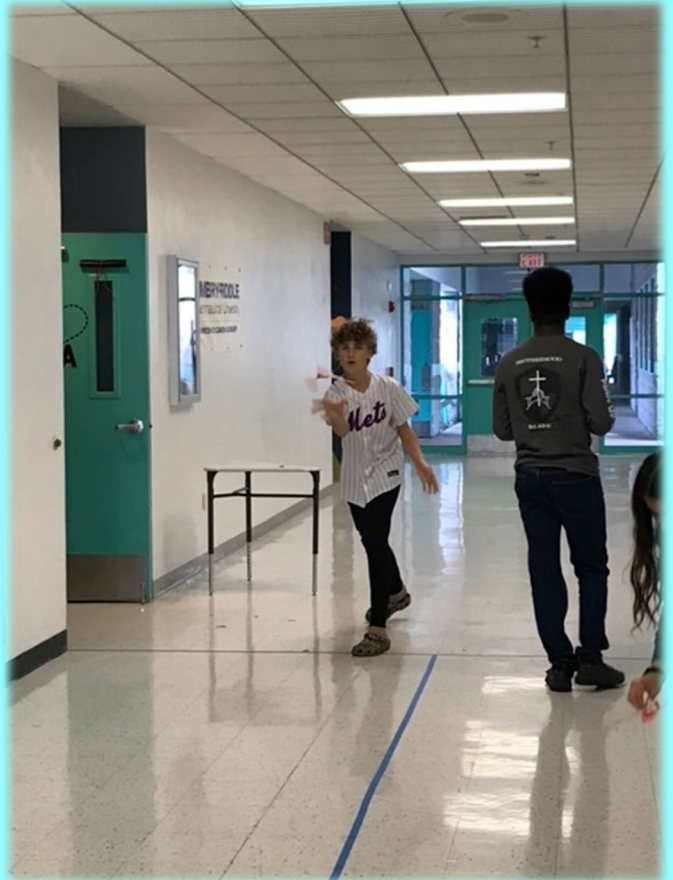
# T.E.S.A Gliders!

## *AT1 and their experiments*

This past month the students of T.E.S.A's AT1 class were tasked with modifying a balsawood glider.

The purpose of modifying the glider was to keep the aircraft aloft for as long as possible as well as keeping the glider in a straight line.xsd

The purpose of the activity was to teach the students of AT1 to show the flight characteristics of an airplane. The activity also teaches AT1 about the engineering process.



# T.E.S.A Field Trip

## *Epic Flight Academy*

The T.E.S.A academy took a field trip to Epic flight academy in New Smyrna. Epic is a place where they teach you how to fly and build planes. They have an amazing program and classes for anything you want to do in the airline business. They have one of the only full motion flight sims in the world for people to train on. When the students went there, they split them into two groups, one who went to the engineering side and another who went to the airport side. The engineering side

had a full building dedicated to building and repairing planes. On the airport side they had hangers and runways for learning how to fly; they even had a hangar dedicated to the full motion flight sims. Epic was an amazing field trip and helped people make decisions on what to pursue in the airline business.

