

# Aiken Engineering

Aiken's Engineering Newsletter



## THE BEGINNING OF ENGINEERING CLUB

Exciting news this month as it is the start of Engineering Club here at Aiken New Tech High School! Mr. Dunn and Mrs. W held the first club meeting Thursday, February 2nd after school in rooms 2239 and 2243. The first meeting's focus was on discussing leadership opportunities in the club and designing and building a model airplane from balsa wood and die cast paper. Planes were then tested out in the classroom and hallways to see how far they could fly.

In previous years, the club's focus was on building the four go-carts we have but due to limited space this year the club will be focused on smaller design and engineering challenges.

The club will vote for leadership positions at the end of this month to formally form our Career Tech Student Organization, or CTSO. Any student is welcome to put their name in the hat to be considered for a leadership position that will last through the rest of this school year.

The club started late this year due to focus being spent on completing our new engineering building! See the next page for more information.

## Newsletter Highlights

The Start of Engineering Club

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Program Spotlight: Tinkercad

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Our New Building

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A Message from Your Engineering Teachers

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## OUR NEW BUILDING

If you have taken a walk around Aiken lately, you may have noticed the new shiny building sitting down by the track. Maybe you have asked yourself, "I wonder what this is for?" Well, it is Aiken's brand new engineering building!

The building was erected this fall in the span of a week and is currently still under construction. We are awaiting electricity to the building as well as a new concrete floor.

The building will serve as a secondary classroom for Mr. Dunn and Mrs. W to host students and work on larger scale projects such as the go-carts. This building is vital to the growth of engineering here at Aiken as we have outgrown our current classrooms and have some large scale projects planned for the future. Keep an eye out for some major collaboration between Engineering and Agriculture in the coming years!

## PROGRAM SPOTLIGHT: TINKERCAD

Looking for a quick and easy way to 3D model and design? Check out Tinkercad, a web based 3D design tool that is easy to use with thousands of template shapes and projects to help you get started. You can design anything from a spoon to a car! Tinkercad is a great free program that anyone can add to their repertoire of programs to know.

Interested in making your 3D shape a physical object? Check out Tech Club on Tuesdays with Mr. Ernst where you can 3D print your Tinkercad creation.



## A Message from Your Engineering Teachers

Hello! Welcome to the first edition of the Engineering Newsletter. Inspired by our very own Mr. Parker, the Engineering Newsletter is designed to keep you up to date and in the loop on all the cool engineering projects we have going on here at Aiken! From model vacation homes to robots, we have a wide range of projects that our students work on everyday in our classes and in our Engineering Club.

From rooms 2239 and 2243, we invite you to join us on this years Career Tech Adventure: Engineering Edition!

Know of any students interested in Engineering? Send them our way! We love to talk shop and meet new faces. Engineering is for everyone.

