

# ANNA MARIA ELEMENTARY IE2/STEM NEWSLETTER EDITION #6, DECEMBER 2, 2019

## 5<sup>th</sup> Grade TSA Catapult Competition

The 5<sup>th</sup> Grade TSA group consisting of 16 students from Mrs. Costanzo's and Mrs. Miller's classes have gotten off to a great start this year with their Catapult Competition. The Single Belles placed 4<sup>th</sup> in the Distance Competition, The Smokin' Hot Fuzzy Pickles received a 6<sup>th</sup> place in Accuracy and 2<sup>nd</sup> place in Creative Names of Teams. What a great turnout!



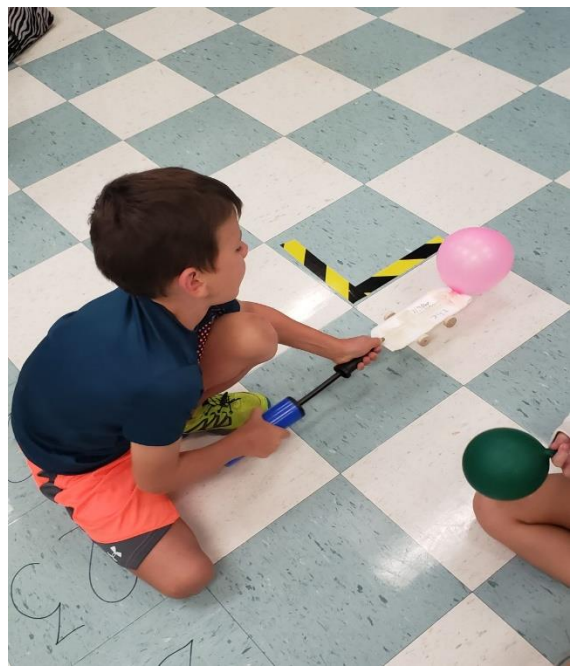
## PARENT NIGHT OUT, DECEMBER 6<sup>TH</sup>

The Technology Student Association (TSA) is hosting their 1<sup>st</sup> Annual Fund Raiser for their organization called Parent Night Out. This event is just in time for the holidays. There will be many crafts, food, and fun from 6:00 - 10:00 pm, the cost is \$25.00 for the first child and \$5.00 off for each additional child. There will be staff volunteers to help out as well as the TSA students. It will definitely be a great time!

## STEM NIGHT

This year's STEM Night will be on January 14, 2020. Please save the date, I promise it will be a great night filled with fun and adventure. We have the following activities lined up for your pleasure and don't forget to view the wonderful Science Fair Project that will be set up in the Auditorium. We will have Domino Math, Intermediate Math Games, Marble Maze, Sonic Sounds, Code.org, Water Cycle Bracelets, Snap Circuits, Water Management T-Shirt, Origami, and the wonderful Cotton Candy. This event will be from 5:00 - 7:00 pm. We will have the Holmes Beach Police Department cooking Hamburgers, Cheeseburgers, Veggie Burgers, and Hot Dogs. Please plan to come it is a great event.

## STEM CLASSES



Students in K-2<sup>nd</sup> Grade are working on Energy, they are making Balloon Cars. They

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are using the Engineering Process to make the cars and find new and improved ways for the cars to go a longer distance or use other materials to make the stay together better.

## ROLLERCOASTERS

In STEM Classes, 3<sup>rd</sup> through 5<sup>th</sup> Graders have been working on Energy using Potential and Kinetic Energy. It has taken a long time but these projects have been amazing. Each team has designed, created, tested and improved their design. These amazing projects will be on display during STEM Night, January 14, 2020.



## Supplies Needed

These consumable items are used throughout the year to help create projects for Engineering.

Wax Paper

Q-tips/Cotton Swabs

Pipe Cleaners

Craft Sticks (Popsicle sticks)

Straws

Strings

Tape (Scotch, Masking, Packaging, Duck) lots of all kinds

Ribbon (cloth)

Cotton Balls

Toothpicks

LEGO's (old or new)

Ping pong balls

Clay

Magnets

Wooden dowels

Glue Guns (low temp)

Glue gun sticks

Foil

Pencils

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