

September 17, 2021

WELCOME TO STEAM WEEK! DAY FIVE- MATH and MINDSET!

GOOD MORNING STEAM @ TOPE FAMILY! Take a moment to breathe in, breathe out and settle in for a few minutes.

We are STEAM @ Tope Elementary! EVERY ONE OF YOU IS A VERY IMPORTANT PART OF THIS SCHOOL-- YOU BELONG HERE! Tonight is our STEAM @ Tope sponsored MOVIE NIGHT! I am SUPER excited to watch- Meet the Robinsons! IT IS ONE OF MY ALL TIME FAVORITE DISNEY MOVIES BECAUSE I love the story and I love the battles that Lewis perseveres through as he KEEPS MOVING FORWARD! This morning, I want to go over our MOVIE NIGHT EXPECTATIONS!

Standard Operating Procedures for MOVIE NIGHT 2021

1) PLEASE FIND A SEAT AND WHEN THE MOVIE BEGINS-- REMAIN SEATED. 2) PLEASE REFRAIN FROM CELL PHONE USAGE DURING THE SHOW. 3) BE RESPECTFUL OF OTHERS AROUND YOU AND USE A WHISPER VOICE WHEN COMMUNICATING. 4) ONCE IT IS DUSK, THE PLAYGROUND IS OFFICIALLY CLOSED. 5) ENGAGE WITH YOUR FAMILY AND ENJOY THE SHOW. 6) BE KIND. I look forward to seeing you there!

TODAY we are investigating the M in STEAM- MATH, BUT WE ARE going to use this opportunity to say M FOR MINDSET, AS WELL. MATH IS the science that studies and explains numbers, quantities, measurements, and the relations between them. Now, the majority of us understand what math is on some foundational level. However, I am not sure that we always understand the purpose OR the importance! You will discuss that today during your morning meetings. What I want to touch on is how important it is to have a growth mindset when it comes to learning math. I LOVE math. One of the saddest things I hear is when a student says-- I hate math OR I am terrible at math, because here is the truth--- math should feel challenging--- and you should learn to face that challenge with a growth mindset. Everyone has the ability to do math if their mindset is ready-- You definitely have to persevere and KEEP MOVING FORWARD during your math time!

As you walk down your path of awesome, take a moment to think about both the purpose and the importance of math and TODAY-- when you feel challenged or frustrated DURING MATH OR ANY TIME-- BUCKLE UP DUDES AND DUDETTES AND BE LIKE LEWIS AND KEEP MOVING FORWARD!

VOCABULARY--

PURPOSE

GROWTH MINDSET

FOUNDATIONAL

VIDEO- OPTIONS! Choose your own video and activity/discussion. I encourage you to find an opportunity to do an art activity. (LINKED ARE SOME OPTIONAL ACTIVITY VIDEOS BELOW!)

Talk about the purpose of math and the importance of math.
Make connections to the growth mindset and power of yet!

 Keep Moving Forward MEET THE ROBINSONS- (1:11)

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▶ **Wimpy Goat** (:07) Wimpy Goat Give it All You Got! (Always a crowd favorite)

▶ **Why Math Matters for Kids** (3:11) Attaches to professions with math and why

▶ **Math is everywhere** (4:16) Ted Talks with a 2nd grader talking about what math is and why it is important- super cute

▶ **What is Mathematics?** (2:35) What is mathematics? Has some REALLY great points as to why math is important and debunking the myth that some kids have “math brains”. I had to get over the fact that they say maths. ;)

▶ **Why Should You Study Math?** (5:43) Why Should You Study Math? Good for intermediate! Also, good for us!

▶ **Why Mathematics is Important!** (5:05) PowToons Why is Math Important? Intermediate

NEED A BOOK ABOUT GROWTH MINDSET IN MATH?

<https://www.wherethemagichappensteaching.com/2019/08/picture-books-that-help-prevent-math-anxiety.html>