17th Annual FEEC

STEM

Union Park Elementary
Union Park Elementary

- Enrollment upward 515+ students
- 100% Title I School in East Orlando
- Primarily Hispanic/African American
- High mobility rate
- Exited state turnaround last year
- Partner TQP School with UCF
- Added STEAM Pilot
- Added Performing Arts (Dance) to Specials Wheel
- UCF Coaching Academy Partnership
- Trauma-Informed School
Title 1- Challenge the status quo- Compete with counterparts (Level the playing field)

Strengthening the pipeline

21st century college and career readiness- preparing for a world that exists and one that doesn’t exist yet

Historically low-performing STE(A)M= Higher Math & Reading Scores

Improved problem solving skills & Critical Thinking Opportunities

Gives every child a chance to succeed/excel
Articulation & Collaboration & Passion Focused Creativity
Connections to life after traditional school-trips & connections
Process = Progress
Major impact on bilingual students
Student input = exceptional output
You do not learn to love a sport by simply watching it, you learn to love it by taking a part in the entire process of learning the sport.
WHAT does it look like?
WHAT does it look like?

STEAM read aloud

PLAN

YOU MUST DESIGN A PULLEY TO TRANSPORT YOUR PUMPKIN!
WHAT IS A PULLEY?
WHAT does it look like?
Ideas

- Student Input
- Veritical & Horizontal Lesson Planning
- Standard Based Learning Extensions
- Eachother
- When all else fails....
  - Pinterest
  - Teachers Pay Teachers
Supplies
- Donors Choose
- Amazon Wishlist
- Partners
- Grants
- Recycled Goods

Ms. Hallac from Orlando FL is requesting Educational Kits & Games through DonorsChoose, the most trusted classroom funding site for teachers.

Standout Savvy STEAM!
Help me give my students STEAM resources to stimulate and enhance their brains!

$438 Goal
Hooray! This project is fully funded

Please donate these items to us: thank you to all!!!

By: Dairenys, Kirah, Alejandra, and Citially
Build their confidence
Little but CAPABLE
Encourage critical thinking
QUESTION THEM!
Embrace the risk
BENEFITS

- Helps develop critical thinking and problem solving skills
- Students take ownership of their learning
• Embed a set period of time each day
• Utilize as an added tool in the class
• Utilize it as an enrichment tool
• Once a week dedicated time
• Add STEM to foundation in each lesson
• STE(A)M is everywhere
• It does not have to be expensive
• STE(A)M is not always pretty but trust the process
Favorite STEM Experience

- Ramirez- Genius Hour Showcase
- McElwayne- STEAM Bins
- Hallac- Text Connections
- Correa- Passion Projects
QUESTIONS?