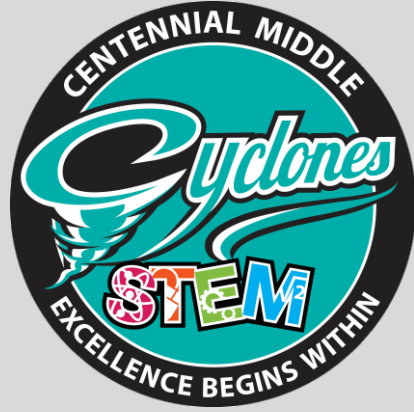


**PASCO**  
PATHWAYS  
Innovative Programs and School Choice

**EXPO**  
2024



# Centennial Middle STEM Magnet School



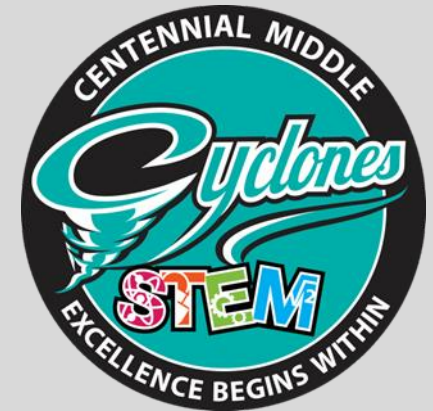
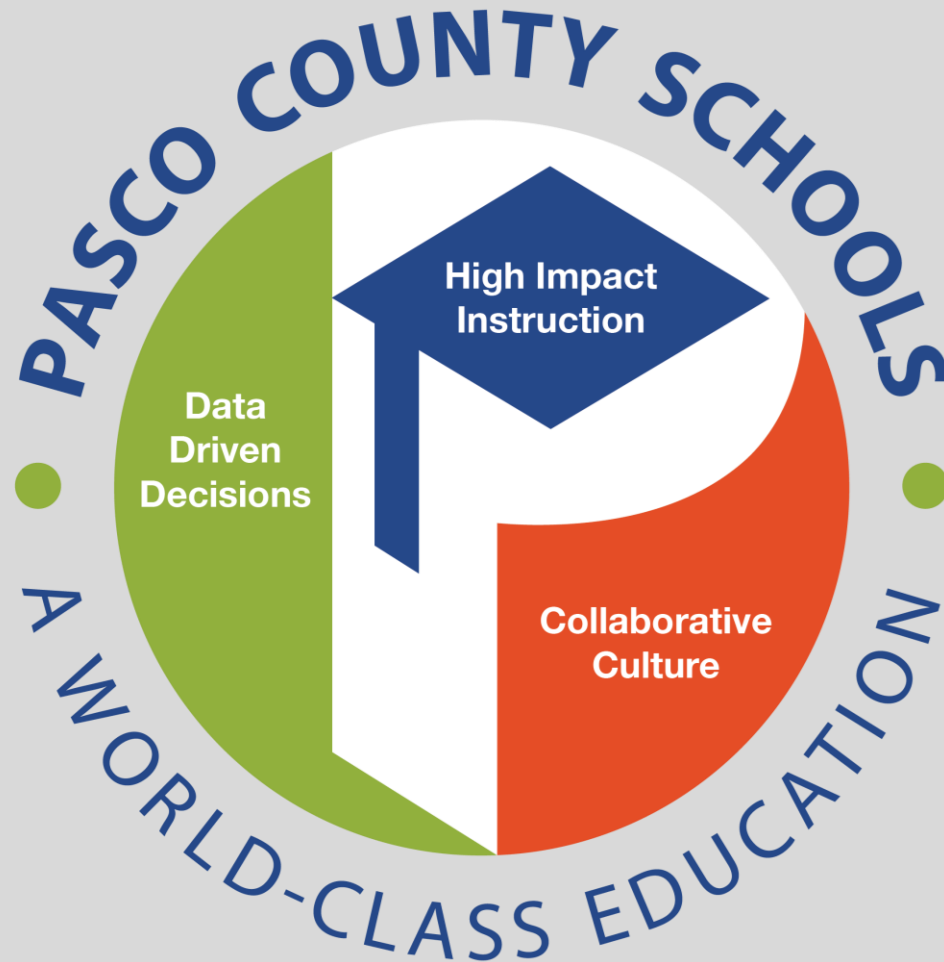
Kurt S. Browning, Superintendent of Schools

# Who We Are

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## Mission

We exist to provide a world class education for all students.



## Vision

All our students achieving success in college, career, and life.



# Common Vision of Instructional Excellence

Build strong content knowledge and apply learning to new contexts

Think critically to understand and solve real world problems

Take ownership for their learning and reflect on the learning progress

Utilize a variety of tools and resources to enhance learning

Collaborate and communicate to learn within and outside of their school community



# Target Audience

All students who live in the attendance boundary of CENMS participate in the magnet theme. Only students from outside of the attendance boundary need to apply through the Pasco Pathways Application. Bus transportation will be provided for magnet students within a designated magnet zone in accordance with district approved procedures. Hub stops will be located at district school sites and the New River Library. Centennial Middle STEM Magnet School is for students in grades 6<sup>th</sup> through 8<sup>th</sup>.



# Transportation

Students living within the Centennial Middle attendance zone will receive transportation services at their neighborhood stops.

- students living within the magnet boundary will receive transportation services at the following magnet hub sites:

- > **Raymond B. Stewart Middle School**
- > **Dr. John Long Middle School**
- > **New River Library**
- > **Additional hub stops may be available (depending on numbers)**



# CENMS Vision



**CENTENNIAL MIDDLE**

**STEM**

**MAGNET SCHOOL**

**OUR VISION:**

**Expect excellence through**

**STEM education for ALL**

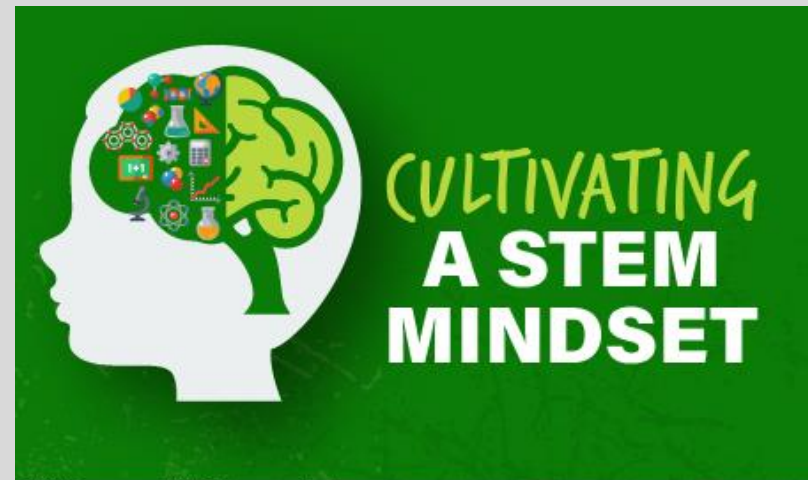
**students**



# STEM Growth Mindset

**“STEM is not a class you teach. It’s a culture you build.”**

– Chris Woods



# Our Cyclone System

## #1 Teacher are Curators of Knowledge

- ◉ Acquire, care for and develop a collection
- ◉ Teachers create an environment in their classroom like a living museum
- ◉ A great curator creates engaging and educational exhibits for all learning styles
- ◉ A great curator becomes an expert in what they display, finding a variety of exhibits
- ◉ A great curator creates an environment where the visitor is involved in their learning



# Our Cyclone System

## #2 PLC (Professional Learning Community)

• Foundation of all our work

• 4 Driving Questions

- What should students know and be able to do?
- How will we know that the students have learned the essential standards?
- How will we respond when students do not learn?
- How will we respond when students have already learned?

**True Professional Learning  
occurs in a True Community!**

# Our Cyclone System

## #3 5E (+) Learning Plans

- Variety of Instructional Activities
- Student Choice & Voice
- Key is "Take Another Look" or "Dig A Little Deeper" before Evaluation Phase

# Our Cyclone System

## #4 The 4C's of STEM

- ④ Critical Thinking
- ④ Collaboration
- ④ Creativity
- ④ Communication

Core of STEM Education

STEM Infused Standards Based Instructional  
Activities Embedded in Every 5 E's (+) Learning  
Plan

# THE 4Cs OF STEM:

SKILLS FOR 21<sup>ST</sup> CENTURY CYCLONES

## COMMUNICATION

Sharing thoughts, questions,  
ideas and solutions

## CRITICAL THINKING

Looking at problems in a new  
way and linking learning across  
subjects disciplines

## COLLABORATION

Working together to reach a goal.  
Putting in talent, expertise, and  
smarts to work

## CREATIVITY

Trying new approaches to get  
things done equals innovation  
and invention

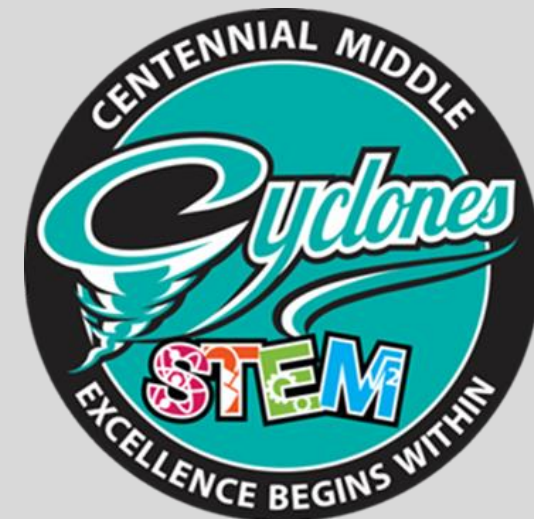
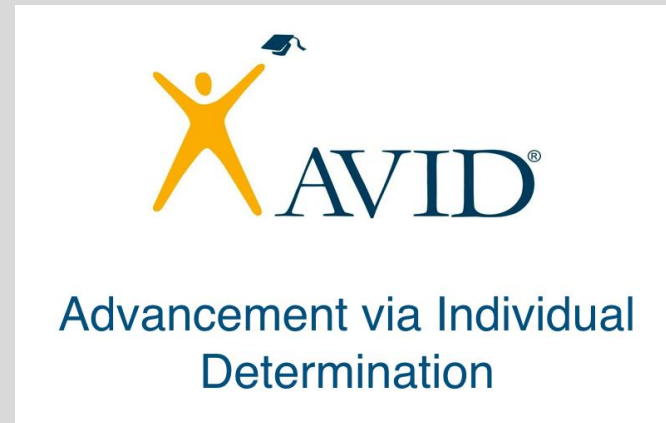
# Our Cyclone System

## #5 Classroom Structures

- ◉ **Small Group Mini Lessons** (Targeted facilitation: group/individual)
- ◉ **Monthly Calendar Board**
- ◉ **Resource Area for Students**
- ◉ **Flexible Seating**
- ◉ **Positive and Engaging Classroom Culture**
- ◉ **Students Choice** (5E + Learning Plans)

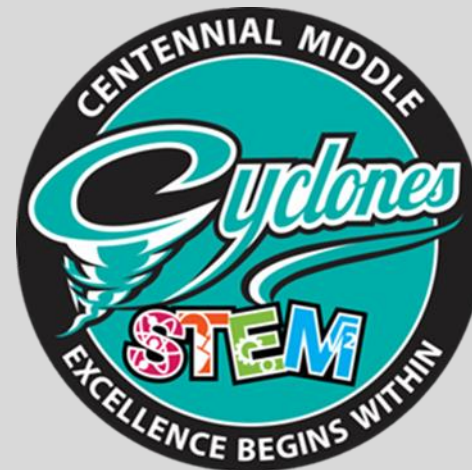
# Some things that set us apart

- Athletics
- AVID School
- DELTA After-School Program
  - Until 6:00pm (Free)
  - STEM Activities
- Electives
  - PE
  - Coding
  - Band
  - Chorus
  - Guitar
  - AG
  - Robotics
  - Technology



# Some things that set us apart

- Cyclone Family Atmosphere
- Cultivating a STEM Mindset
- High School Course Offerings
  - Algebra I Honors and Geometry Honors
  - Spanish I and II
  - Physical Science Honors
  - AG Science Foundations
  - Pre-AP Geography & World History
  - Foundations of Robotics
  - Computer Science Discoveries
  - Medical Skills



# Be Ready to Apply for School Choice

All applications will be submitted through myStudent.

Important School Choice Dates in 2025:

Application Window:

**January 8th at 8 a.m. to  
January 21st at 4:30 p.m.**

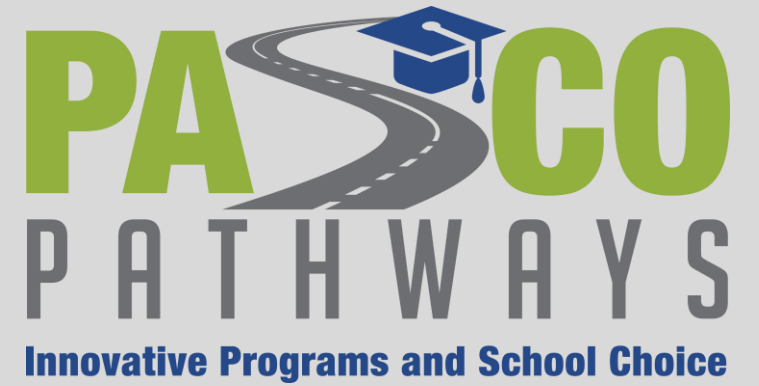
Notification & Acceptance Window:

**March 3rd to March 12th at 4:30 p.m.**

School Choice Overview







# Questions

Dr. Rick Saylor

[rsaylor@pasco.k12.fl.us](mailto:rsaylor@pasco.k12.fl.us)

[Cenms.pasco.k12.fl.us](http://Cenms.pasco.k12.fl.us)

813-794-9700



# Learn More about CENMS

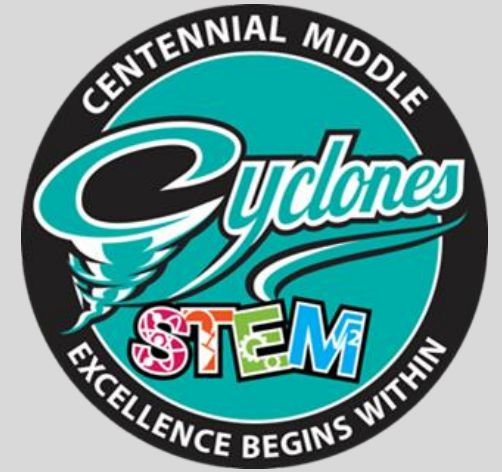
Make sure to visit our website:

<https://cenms.pasco.k12.fl.us/>

Follow us on Twitter and Facebook:

@CENMS

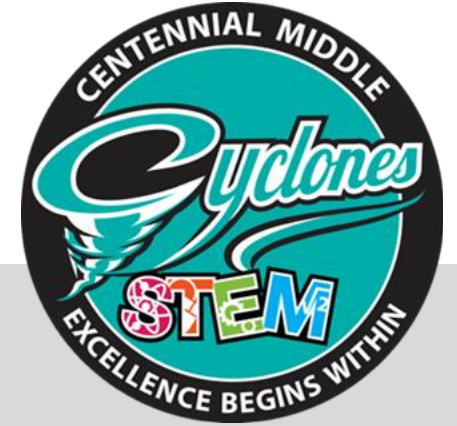
<https://www.facebook.com/CENMS>



We look forward to having you join our Cyclone Family!



# Learn More about CENMS



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**Rick Saylor (Prin)**

[rsaylor@pasco.k12.fl.us](mailto:rsaylor@pasco.k12.fl.us)

