



ACADEMY AT MAMBRINO

WONDER,
EXPLORE,
BECOME...



Academy at Mambrino

What makes the STEAM Academy at Mambrino unique?

- Daily implementation of the inquiry design process
- Multiple, specialized curricula
 - *PLTW, EcoRise, Educationcloset, etc.*
- Extensive teacher training in the inquiry design process

Our Curricula



What's Trending in Arts Integration and STEAM?

- Increased Achievement
 - Schools see an average increase of 10-15% student achievement across all populations.
 - For underserved populations, there is an average increase of 20%+ higher on standardized achievement tests.
 - Students who use the curriculum have shown an average increase of 30% or more in proficiency on targeted ELA, math, and science concepts.
- Increased Engagement
 - Schools using arts integration and STEAM curriculum report high levels of student engagement and excitement in the learning process.
- Increased Attendance with Reduced Classroom Disruption
 - Typical increase in attendance rates of 5% or more
 - 20% more reduction in documented classroom disruptions (including detention, suspension, and expulsion rates).

www.artsedsearch.org/study-search?s=arts+integration



Academy at Mambrino

Notes, Questions, Ideas:

PRESENTATION VIDEOS:

INQUIRY DESIGN	PLTW	ECORISE

What is S.T.E.A.M?

S-Science

T-Technology

E-Engineering

A-the Arts

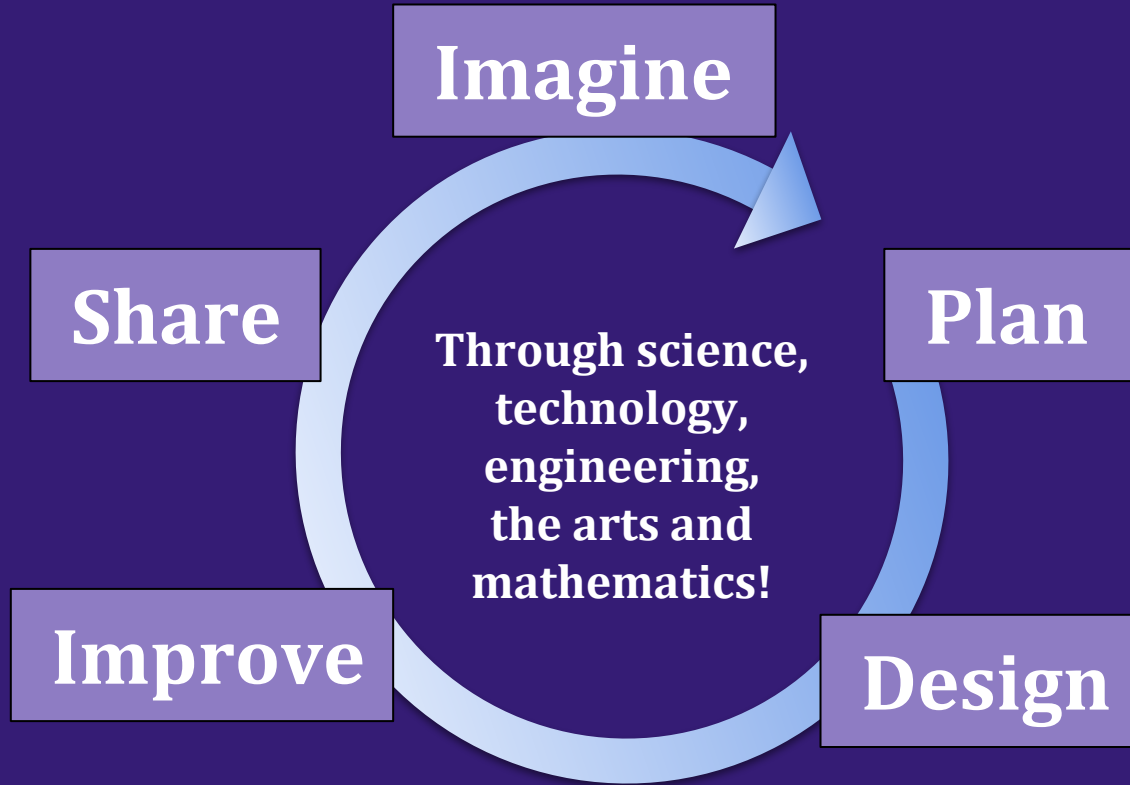
M-Math



What makes the STEAM Academy at Mambrino *unique*?

1. Daily implementation of the inquiry design process
2. Multiple, specialized curricula
 - *PLTW, EcoRise, Educationcloset, etc.*
3. Extensive teacher training in the inquiry design process

1. Inquiry Design Process





IN?QUIRY

-based learning

2. Specialized Curriculum & Materials



Preparing students for the global economy





3. Teacher Training

- PLTW
- Education Closet
- Inquiry Design

(Ft. Worth Museum of Science)



PROJECT LEAD THE WAY

PLTW

Preparing students for the global economy



FORT WORTH MUSEUM
SCIENCE AND HISTORY

Sample Schedule

(Mon.-Thurs.)

7:30 - 8:30 : Design Challenge Time

8:30 - 9:15: Specials Rotation

**9:15 - 11:30: STEAM integrated
content time**

11:30 - 12:15: Lunch/Recess

**12:15 - 2:50: STEAM Integrated
Content Time**

(Friday)

7:30 - 8:30 : Design Challenge Time

8:30 - 9:15 : Specials Rotation

**9:15 - 11:30: STEAM integrated
content time**

11:30 - 12:15 : Lunch/Recess

**12:15 - 1:30: STEAM integrated
content time**

1:30 - 2:50: Schoolwide Design Clubs

Transportation

***Work in progress-based upon enrollment and number of riders**

***Anticipate a “hub” system at each campus**

A.M: Attending students ride bus normally to their home campus and then catch the STEAM Shuttle to Mambrino.

P.M: STEAM Shuttle will take attending students to home campus for parent pick up.

How to Apply

1. Get excited about this innovative opportunity
2. Discuss the one year commitment with your family
3. Complete a Transfer Request
4. Submit the Transfer Request to Mambrino

STEAM Academy at Mambrino
STUDENT IN-DISTRICT TRANSFER REQUEST
GRANBURY ISD
2018-2019

Employee () Yes () No

PARENTS PLEASE PRINT IN TOP BOX

Grade Level for 2018-2019 school year _____

Students Name _____ Date of Birth _____

Home Address _____ Home Phone # _____

City _____ State _____ Zip Code _____

Father's Name _____ Day Phone _____

Mother's Name _____ Day Phone _____

Guardian (if other than parent) _____ Day Phone _____

School Wishing to Transfer into: _____

This application for transfer to the STEAM Academy at Mambrino is for the 2018-2019 school year. Upon receipt and review of this application, accepted students will receive a confirmation of participation, from the STEAM Academy. I understand that a commitment of 1 year is required and GISD transportation provided will be to and from your child's home campus to the STEAM Academy at Mambrino.

I am applying for an in-district transfer. I understand that excessive tardies, absences or significant discipline problems may result in this transfer being revoked or not approved for the following school year.

Parent's Signature

Date

******Campus Office Must Complete**

Years attended requested Campus _____

Attendance Zone Presently Living In _____

Grade Level for 2017-2018 school year _____ # of absences: _____

Student's PEIMS ID# _____ # of tardies: _____

Approved _____ Date: _____
Principal's Signature

Disapproved Reason for Disapproval _____

Approved _____ Date _____
Ron Holmgreen, Asst. Superintendent

Disapproved _____

Original must be sent to Ron Holmgreen's office after receiving principal's review
(Ron Holmgreen's office will return a copy to the receiving Principal's office)

Revised 1/25/18

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