

Mambrino STEAM Academy

Ron Holmgreen-Assistant Superintendent
Stacie Brown-Principal, Mambrino

Research

Visited Round Rock, Burleson, and Grapevine/Colleyville ISD

Numerous phone calls and email/internet searches

Take Aways:

- Schools researched are school wide, K-5, STEAM academies

- Use a lottery selection with attendance & discipline as key components

- Enrollment on each campus increased between 150-200 students

- Flexibility within district curriculum pacing

Curriculum and Training Options (School within a School)

PLTW-Project Lead the Way (Program: *Launch* for K-5)

Currently used at our Middle Schools (GTT) and at GHS (Engineering)

Initial cost \$30,350 over next 3 years, with a recurring cost of \$5,370

EIE-Engineering is Elementary (Individual kits 1-5)

Used at two campuses which we visited; Round Rock and Grapevine

Initial cost \$17,442 over next 3 years, with a recurring cost of \$3,690

Curriculum and Training Options (School Wide)

PLTW-Project Lead the Way (K-5 Program: *Launch*)

Currently used at our Middle Schools (GTT) and at GHS (Engineering)

Initial cost \$45,400 over next 3 years, with a recurring cost of \$9,960

EIE-Engineering is Elementary (Individual kits 1-5)

Used at two campuses which we visited; Burleson and Grapevine

Initial cost \$22,082 over next 3 years, with a recurring cost of \$7,380

Staffing Additions

Additional Classroom Teachers (2-5)-Possibly new and/or transfer

Additional Fine Arts Teacher-New Position

Additional PE Teacher-New Position

STEAM Coordinator-New Position

Facility Additions

Additional Common Area Furniture; such as collaborative seating

Additional Technology Purchases; such as presentation stations, etc.

Creation of student collaboration areas through the removal of four interior walls

Transportation

District will provide transportation

Hub pick up and drop off at student's home campus

Will add additional drivers/bus routes

School hours would be different, possibly 8:15-3:45

Mambrino STEAM Academy

Ron Holmgreen-Assistant Superintendent
Stacie Brown-Principal, Mambrino