



## **Academy Overview**

The STEM Academy is an **advanced academic program** located at Wester Middle School. The academy is designed to provide a rigorous and focused course of study emphasizing STEM (Science, Technology, Engineering, and Math). Coursework is advanced within a Pre-AP concentration and integrates project/problem based learning and Makerspace with open learning environments. The learning environment at the academy gives learners “voice and choice” to create, invent, tinker, and explore with the result being high quality and authentic products. Learners will use 21<sup>st</sup> century skills; including collaboration, communication, creative thinking and critical thinking, while excelling in academic content.

## **Student Selection Criteria**

A learner profile will assist in the identification of learners that have the potential to be successful in The STEM Academy @ Wester MS. The learner must meet minimum application requirements to be considered for acceptance. Minimum requirements are as follows:

- Achievement Data:
  - 4<sup>th</sup> Grade STAAR Reading – 1550 or higher scale score
  - 4<sup>th</sup> Grade STAAR Math – 1670 or higher scale score
  - 4<sup>th</sup> Grade STAAR Writing – 3650 or higher scale score
- Norm referenced performance on (these assessments will be scheduled in March):
  - MAP Science Achievement
  - NNAT-3

(Parents can access their learner’s 4<sup>th</sup> grade STAAR scores by referring to their 2015 Confidential Student Report or contacting their learner’s intermediate campus.)

## **2017-2018 STEM Academy Admission Application**

**Application Window: January 30, 2017 through March 3, 2017**

**Deadline for Applications: March 3, 2017 @ 4:00 p.m.**

**All Applications must be submitted to:**

**MISD Student Service Office  
609 East Broad Street  
Mansfield, TX 76063  
817-299-6360**



### **STEP 1: Complete Application**

- **Applications are available on the MISD Website (The Power of Choice link) OR at Wester Middle School student services office OR at your learner's current campus front office.**
- **Applications must be submitted to the MISD Student Service office located at 609 East Broad Street by March 3, 2017 4:00pm.** Applications **will not** be accepted after 4:00pm on March 3, 2017.
- Complete the Learner and Parent/Guardian Sections – Section 1 of the application.
- Learners must complete the short answer questions in the space provided on Section 2 of the application.
- Section 1 and 2 of the application must be submitted concurrently to Student Services by the stated deadline.

### **STEP 2: Application Review**

- After a completed application is submitted, the application will be reviewed based on established criteria that will include information gathered from:
  - 4<sup>th</sup> Grade STAAR Reading Scale Score
  - 4<sup>th</sup> Grade STAAR Math Scale Score
  - 4<sup>th</sup> Grade STAAR Writing Scale Score
- If the learner meets the minimum STAAR requirements you will be contacted by the STEM Associate Principal to schedule the required nonverbal reasoning and science achievement assessments.
- The STEM Associate Principal will complete the Student Profile based on 4<sup>th</sup> grade STAAR data, nonverbal reasoning, and science achievement.

### **STEP 3: Selection Process**

- 75 learners will be selected based on their Learner Profile.
- Learners from each intermediate school will be represented at the STEM Academy.

### **STEP 4: Notification Process**

- All learners will be notified no later than April 13<sup>th</sup> of their STEM acceptance status.
- Learners not admitted will be placed on a waiting list in an order determined by the selection process.
- **Admitted learners will need to reply to their STEM Academy invitation by 3:00 pm on April 21, 2017.**
- Learners who do not accept the invitation by the deadline will forfeit their seat at the STEM Academy and that seat will be filled from the waiting list of applicants.



### Section 1: Learner Information Section

Name \_\_\_\_\_ / \_\_\_\_\_ Gender  F  M  
Last/First Student ID#

Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Ethnicity  Black or African American  White  Hispanic or Latino  
 American Indian or Alaskan Native  Asian  Native Hawaiian or Pacific Islander

Current Campus  Della Icenhower IS  Mary Lillard IS  Asa Low IS  Other  
 Donna Shepard IS  Mary Orr IS  Cross Timbers IS

### Parent/Guardian Information Section

Name \_\_\_\_\_  Father  Mother  Guardian  
Last First

Address \_\_\_\_\_ City \_\_\_\_\_ Zip \_\_\_\_\_

Email Address \_\_\_\_\_

Home PH # \_\_\_\_\_ Cell PH # \_\_\_\_\_

Initial each statement below in the space provided and sign/date this application.

\_\_\_\_\_ To the best of my knowledge my learner meets eligibility criteria on 4<sup>th</sup> grade STAAR reading, math, and writing scale scores.

\_\_\_\_\_ I understand that in the case that my learner meets the minimum eligibility requirements they will complete a nonverbal reasoning and a science achievement assessment as part of the application process on dates provided by MISD at their home campus.

\_\_\_\_\_ I understand that if accepted into The STEM Academy; my learner will be in advanced coursework with a STEM focus in all core content areas.

\_\_\_\_\_ I understand that if accepted into the STEM Academy; my learner is expected to maintain an acceptable attendance rate of 96%.

\_\_\_\_\_ I understand that if accepted into the STEM Academy; my learner is expected to behave appropriately as specified in the campus and district handbooks. Repeated and severe discipline issues will result in dismissal from the STEM Academy.

The District prohibits discrimination, including harassment, against any student on the basis of race, color, religion, sex, gender, national origin, disability, age, or any other basis prohibited by law.

\_\_\_\_\_  
Parent/Guardian Name and Signature

\_\_\_\_\_  
Date



Student Name: \_\_\_\_\_

Home Campus: \_\_\_\_\_

**Section 2: Learner Statements**

In the learners own handwriting complete the following questions in the space provided.

List any extra-curricular activities, school clubs and/or hobbies you have been involved in during the past 2 years.

List three characteristics that best describe you?

Why do you want to attend the STEM Academy?

Office Use Only		
Date Received:	Received By:	Two pages attached and complete: Y N