

DUNCANVILLE ISD
STEM EXPLORATION DAY 2017
Grades 5 & 6

Sponsored by Dallas County 4-H Program
May 23, 2017



Science



Technology



Engineering



Mathematics

Duncanville ISD is committed to preparing students for 21st Century careers by providing quality educational opportunities that support and promote STEM education. The STEM Exploration Day is a full day focusing on engaging activities involving science, technology, engineering and math. Interested students must submit a completed application on or before May 5, 2017 to his/her math or science teacher. All selected applicants will be notified at least 2 weeks prior to the event.

Dr. Fanta A. Fridia
K-12 Science Coordinator

Taivaya Johnson
Elementary Math Coordinator



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Application and Selection Process

Steps to Attending the Duncanville STEM Exploration Day	
Duncanville STEM Exploration Day application submissions	Application window opens week of April 17th and applications due on or before May 5, 2017 (no exceptions)
Duncanville STEM Exploration Day Initial Notification	April 18th
Duncanville STEM Exploration Day	May 5, 2017

Requirements and Criteria for Admission

Part 1: Eligibility to apply for the Duncanville STEM Exploration Day

- Current Duncanville ISD student
- Current 5th and 6th grader
- Maintain a passing grade in all core classes (Math, Science, ELA, History)
- No more than 2 disciplinary referrals during the 2016-2017 school year

Part 2: Application to apply for the Duncanville STEM Exploration Day

- Section B - Student Information

Part 3: Recommendations: Teacher, principal and STEM (science, technology, engineering, or math) professional

- Submit a recommendation letter (describing why student should attend STEM Day)

Part 4: Assessment to apply for the Duncanville STEM Exploration Day

- Writing assignment - student statement



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Prerequisites for application:

- 5th and 6th grade Duncanville ISD students only
- Maintain a passing grade in all core classes (Science, Math, ELA, History)
- Exemplary attendance for the 2016-2017 school year (no more than 5 absences)
- Strong interest in STEM (Science, Technology, Engineering and Math)

Please Print in Blue or Black Ink

Section B: Student Information

Last name: _____ First name: _____

School ID number: _____ Date of birth: _____ Age: _____

Grade: _____

School name: _____

Ethnicity (check one)

- African American / Black (non Hispanic)
- Hispanic/ Latino
- Asian American
- Native American
- Caucasian/Anglo/White (non Hispanic)

Have you had any discipline referrals this year?
If yes, how many?

Yes No

How many absences have you had this school year?



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Section C: Student Statement (to be completed in blue or black in the student's own handwriting)

The Duncanville ISD STEM Exploration Day is a day full of opportunities for students that have a strong interest in science, technology, engineering and math and are interested in being apart of an environment that is engaging in learning with a community of peers, faculty and STEM professionals.

What do you think the world would be like, if everyone acted like you?

What are you expecting to learn from the Duncanville STEM Exploration day?



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Check the characteristics that best describe you. Check all that apply.

- | | | |
|--|--|--|
| <input type="checkbox"/> Creative | <input type="checkbox"/> Organized | <input type="checkbox"/> Need help with organization |
| <input type="checkbox"/> Independent thinker | <input type="checkbox"/> Misunderstood | <input type="checkbox"/> Work well with peers |
| <input type="checkbox"/> Like to work alone | <input type="checkbox"/> Friendly | <input type="checkbox"/> Good time-management skills |
| <input type="checkbox"/> Shy | <input type="checkbox"/> Outgoing | <input type="checkbox"/> Determined |
| <input type="checkbox"/> Problem solver | <input type="checkbox"/> Leadership skills | <input type="checkbox"/> Like to build things |
| <input type="checkbox"/> Like to make a difference | | <input type="checkbox"/> Easily frustrated |

List any community service, extracurricular activities, school clubs and/ or hobbies you have been involved in during the last two years. (i.e. church, science club, girl scouts, YMCA, basketball team, play an instrument)



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Assessment.

In your own words, describe your favorite STEM experience (in or outside the classroom)



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If you agree to the following, please sign below:

- I will maintain high academic and behavior standards.
- I will exhibit the following character traits: Trustworthiness Respect, Responsibility, Fairness, Honesty, Caring and Citizenship

I have read these statements and agree to abide by them as well as all rules and policies of the Duncanville STEM Exploration Day.

Student's Name (please print): _____

Student Signature: _____

Date: _____

The program has a limited number of spaces. All applications will be screened for grades, attendance, and discipline. The Duncanville STEM Exploration Day selection team will review the applications and make a final decision of students to participate in STEM Day.

