

Global Impact's STEM Fair Middle School Guidelines

A STEM Fair entry consists of a literary review paper over the project topic, a science lab report over selected topic, a tri-fold display board, and an oral presentation of the project. This STEM project is an interdisciplinary assignment that will be incorporated into your language arts, social studies, math and science courses. This project will connect you directly with a real world problem of YOUR choice and provide great practice for future college/job interviews. Students can potentially be eligible to compete at Clark County Science Fair/ District Science Fair/State Science Day, Agriscience Fair, Believe in Ohio and Google Science Fair.

Some important things to note:

- ❖ This project is required for ALL students at Global Impact STEM Academy.
- ❖ If you are doing a project that involves plants in any way, you should begin immediately.
- ❖ This project is to be completed concurrently with other school work and will likely include work done **outside of class time**.
- ❖ The student will be responsible for supplying materials including the trifold board.
- ❖ If your project requires a science teacher's supervision (i.e. working with bacteria, chemicals etc.) you must schedule time to work with them immediately. You must also meet with a teacher to check out equipment and/or chemicals if applicable.
- ❖ If you are doing a social science project you **MUST** use a human consent form if you are using a minor (18 and under) you must have a parent signature on the returned human consent form **BEFORE** you begin testing.
- ❖ You can complete a STEM Fair project as an individual or as a team; there can only be two people (max) per project. **IF** you chose to work with a partner you are both responsible for completing the project. **Your partner must be from the same science course.**
- ❖ **There will be no changing of projects/partners after September 15th.**
- ❖ In order for your experiment to be valid you should have numerous trials:
 - Minimum 50 participants for social experiments
 - Minimum 5 trials per treatment

STEM Fair Due Dates

Due Date	Item
August 28	Introduce Project and/Brainstorm STEM Topics
September 6	STEM Fair Topic Due
September 7-14	STEM Fair Topic Approvals
September 15	Topic Finalization No changing of projects or partners past this date!
October 9	Science Lab Report Part A Due Peer Review
October 13	Work on Lab Report A Improvements and Creating Lab Report B for Virtual Day
December 8	Science Lab Report Part B Due Peer Review
January 10	Final Lab Report Due
January 19	TriFold Board Due
January 22	Presentation of STEM Fair to assigned group (trifold display,oral presentation)
January 24	Middle School STEM Fair at Global Impact!
February	County Science Fair
	State Science Fair Day in Columbus, Ohio at Ohio State University

Display Board Planning Sheet

