



Name: _____ **Date:** _____
STEM HONORS DIPLOMA WORKSHEET

Students **MUST TURN IN THIS WORKSHEET to your school counselor** no later than **APRIL 1st**. Students can only receive **ONE** Honors diploma so please apply for the one that is your first choice.

To receive a STEM Honors Diploma, the student must meet **all but one** of the criteria listed below. Track if you have met the criteria listed below by completing the documentation in the appropriate box on the left.

Criteria	STEM Honors Diploma Requirements	Documentation
Mathematics	5 units, must include Algebra I, Geometry and Algebra II or equivalent. Students can meet the math criterion through successful completion of coursework that contains content equivalent to five units.	1 st Unit: 2 nd Unit: 3 rd Unit: 4 th Unit: 5 th Unit:
Science	5 units including 2 unit of Advanced Science	1 st Unit: 2 nd Unit: 3 rd Unit: 4 th Unit: 5 th Unit:
Social Studies	3 units	1 st Unit: 2 nd Unit: 3 rd Unit:
World Languages	3 units of one world language OR no less than 2 units of two world languages studied	1 st Unit: 2 nd Unit: 3 rd Unit: 4 th Unit (potentially):
Fine Arts	1 units	1 st Unit:
Electives	2 units with a focus in STEM	1 st Unit: 2 nd Unit:
Grade Point Average	3.5 on a 4.0 scale (unweighted; through the 1 st semester of the senior year)	Current unweighted GPA:
ACT/ SAT Score	27 ACT/1280 SAT	ACT Score: SAT Score:
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus.	
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus.	Fill out this short form: https://goo.gl/forms/77pp9NqNNO2ZDAqV2

Guidance

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, College Credit Plus, Independent Study, and Credit Flexibility coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Math – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content. Students can meet the math criterion for the STEM Honors Diploma through successful completion of coursework that contains content equivalent to five units.

Science – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy). Students can meet the science criterion for the STEM Honors Diploma through successful completion of coursework that contains content equivalent to five units, with two of the five units being in advanced science.

Social Studies – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). Students in PLSD can use Economics as an elective to meet the requirement.

World Language – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements. If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

Electives – Courses labeled as STEM must include opportunities for project- and problem-based learning through the application of science, technology, engineering and mathematics. If used for mathematics credit, a single computer programming course may simultaneously fulfill the requirements for the fifth mathematics credit and a STEM elective. Use of one course to meet two criteria also may occur for STEM courses that align with science.

GPA – GPAs must be calculated on an unweighted 4.0 scale.

Fine Arts – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses.

ACT and SAT score requirements – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found [here](#), and further information can be found on the [College Board’s website](#). The ACT writing and SAT essay sections are not included.

Field Experience - To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student’s program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented.

Portfolio - Work that is contained in a portfolio documents the student’s extensive knowledge and technical, critical-thinking and creative skills (representative of the student’s honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.

FOR COMPLETE DETAILS SEE <http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas>