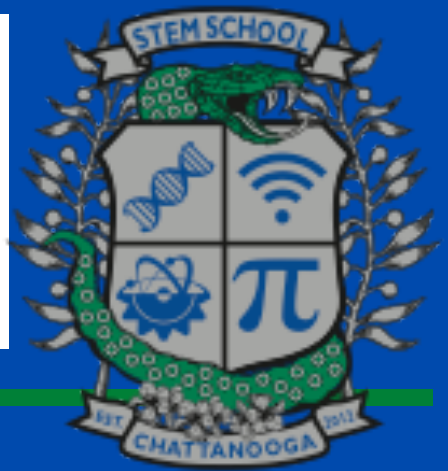


STEM School

Chattanooga



2020-2021

4501 Amnicola Hwy. Chattanooga, TN 37406 423.531.6270 Ph | 423.531.6268 Fax
www.stemschool.hcde.org | CEEB Code 430297

Class of 2020 Attending
College
95%

Students Graduating
with College Credit
100%

Faculty to Student Ratio
1:13

Average Class Size
14

College Credit Hours for
Class of 2020
851

Total Enrollment
284

ACT Statistics
STEM - 23.1
TENNESSEE - 19.8
HAMILTON COUNTY - 19.1

Tony Donen/Principal
donen_t@hcde.org
Anna Millard/Counselor
millard_anna@hcde.org
Jennifer Parris/College Advisor
parris_jennifer@hcde.org

STEM Mission

To develop and share a new paradigm for world-class education using technology as a gateway to cultivate students' inquisitive nature, exercise **innovation, think critically** and **collaborate** to become leaders who are self-sufficient learners with the same passion as Chattanooga's Renaissance.

Grading Scale

A/4.0 - 93-100
B/3.0 - 85-92
C/2.0 - 75-84
D/1.0 - 70-74
F/0.0 - 0-69

Class of 2021 GPAs

4.0 - 18%
3.5-3.99 - 36%
3.0-3.49 - 24%
2.5-2.99 - 14%
2.0-2.49 - 8%
<2.0 - 0

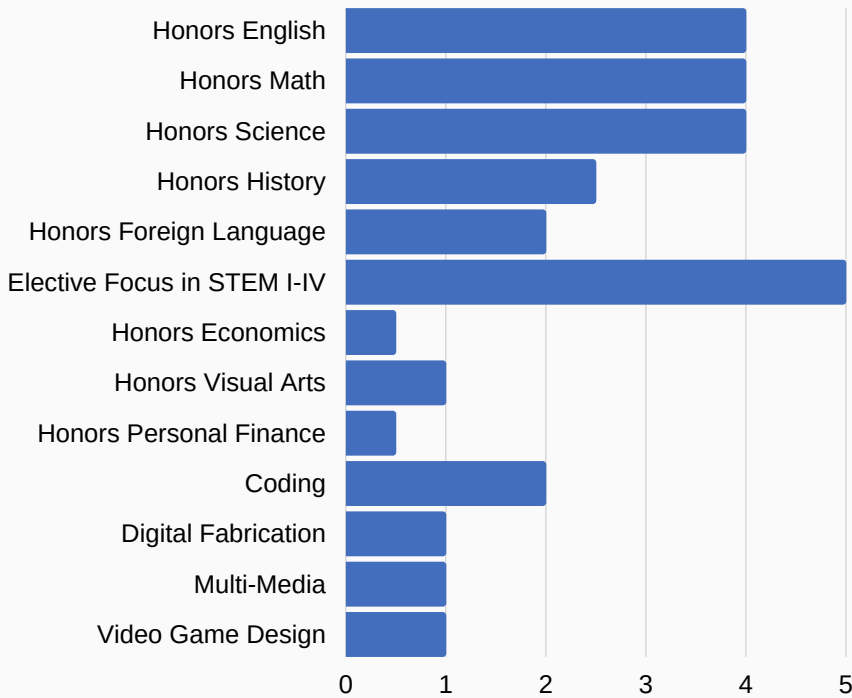
Academic Stand-Outs

- > STEM students complete Problem-Based Learning projects every year which give them the opportunity to collaborate with community organizations to showcase their work.
- > Students may work toward earning credentials in Digital Fabrication within the realms of 3-D Printing, Engineering, Computer Science and Digital Design.
- > Seniors participate in Inventanooga where students define a STEM problem, develop a solution, create a business plan and pitch it to an investment capitalist.

Our Story

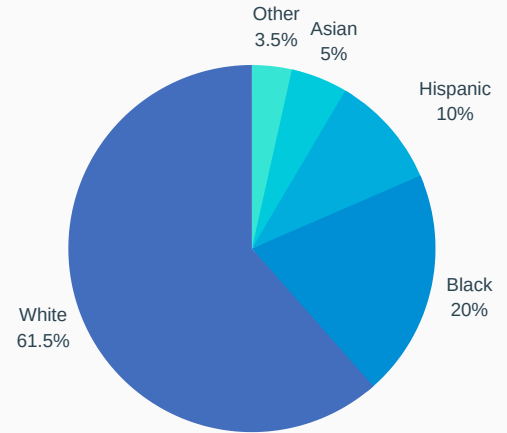
STEM School Chattanooga is a public high school in Hamilton County, Tennessee. The school was founded in August 2012 as a platform school aimed to provide problem-based learning curriculum design aligned with Tennessee's state standards with a focus on science, technology, engineering, mathematics and the arts. The school began with 75 new freshmen and proudly graduated its first class in 2016. Students from all over Hamilton County are eligible to attend and selection is based solely on a blind lottery system which creates a diverse student body socio-economically, racially and culturally. STEM School incorporates local, national and international problem-based learning that emphasizes three tenets throughout each of a student's four years: innovation, collaboration and critical thinking.

STEM School Courses



Demographics

Male 59% Female 41%



Notables & Awards

- America Achieves World Leading Learning School for Innovation (1 of 30 in the World)
- MIT'S FAB Foundation Leadership School in Digital Fabrication (1 of 2 in the Country)
- TN STEM Designated School: Highest Rated STEM School in the State of Tennessee
- First official FabLab in Tennessee - an innovative STEM digital fabrication laboratory
- Tennessee Reward School for Academic Performance 2016-2019
- Students have unlimited access to college courses and resources

Selective Scholarship Offers

University of Tennessee Knoxville	Maryville College
Tennessee Tech University	Reed College
University of Alabama	Wyoming Catholic College
Huntsville	Freed-Hardeman University
Rensselaer Polytechnic Institute	University of Oklahoma
Savannah College of Art and Design	Mercer University
Georgia Institute of Technology	Brigham Young University
Massachusetts Institute of Technology	Idaho
Columbia University	Warren Wilson College
Grinnell College	Berry College
	Samford University
	DigiPen Institute of Technology
	Washington University St. Louis

STEM Business Partners

