



## Sandy Creek High School STEM Academy

Dear Parents,

Sandy Creek High School is pleased to announce the addition of our STEM (Science, Technology, Engineering, and Mathematics) Academy. This rigorous and innovative academic program will provide our students with experiences and skills that will prepare them for competitive college programs and a career in STEM. Currently, 20% of all U.S. jobs are STEM-related and those numbers are expected to increase, not only in the United States, but globally. Our STEM program will use advanced technologies and real-world applications to excite and engage students to become critical-thinkers, solution-oriented and sustainability-conscious young professionals.

The benefit of being a part of our STEM Academy will be the preparation for rigorous college work, through our AP courses, additional science and CTE courses our students will be well rounded and prepared for a research university. Research universities like Georgia Tech, UGA and other top out of state institutions they are looking for the best students not just the best GPA. Top universities want to see students taking AP courses, completing pathways and challenging themselves. This program will build your learning portfolio, prepare you for coursework ahead, and give you the skills that will help in not only college but in the workforce and community as well.

The STEM Academy will consist of three programs: Advanced Life Science, Engineering, and Computer Science. In order to qualify for this program students must understand they will be expected to perform advanced work that requires devoting time and energy to their studies. Students will have summer assignments, Science Fair projects, and must participate in at least one competition team and an Honor Society. Once admitted to the STEM Academy, student will complete a commitment letter each year and fulfill all the requirement listed below in order to continue in the program. Once selected to the Academy, students must maintain a high level of excellence, academically and behaviorally.

STEM student requirements are:

- **Maintaining 3.0 or higher GPA**
- **Enrolled in Accelerated Math all 4 years of High School**
- **Research projects each semester**
- **Participation in Academic Team**
- **Participation in Honors Society when eligible (10<sup>th</sup> & 11<sup>th</sup> grade)**
- **Participation of STEM Academy club meetings, service project and STEM talks**
- **Take required courses as indicated on sample schedule**

**Online Application MUST be completed by March 9, 2018**

**Direct Link: <https://goo.gl/forms/kPNGitptVPiGBmDh2>**

Link to application will open March 1st, 2018 on Sandy Creek Website under About Us and then STEM Academy

Any questions contact: Jill Lloyd STEM Coordinator at [lloyd.jill@mail.fcboe.org](mailto:lloyd.jill@mail.fcboe.org)