

STEM 6 -Syllabus 2022-2023

Instructor: Lisa Griffin

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Room: Class taught in room 11
Science 8: 309

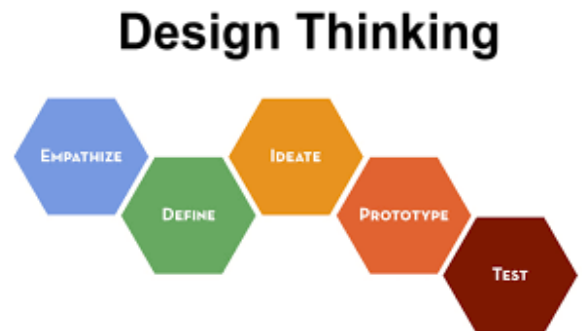
About This Class

STEM 6 is a semester-long course that introduces students to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary design thinking approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM. FAMS students will learn critical thinking skills, project planning and how to work collaboratively as a team. Our theme will be the United Nations Sustainable Development Goals which will allow us to apply our learning locally and globally.

We use Google Classroom for daily announcements, assignments, projects, and other assessments.

Daily Course Materials

- Writing utensil
- Engineering Notebook
- Chromebook
- Safety glasses



Grading

Your grade in STEM 6 is weighted with the following criteria:

- 60% Investigation and Design development (daily work, engineering notebook entries)
- 40% Summative Assessment (End of unit presentation/synopsis)

Classroom Culture

My classroom expectations are aligned with the FAMS Universal Expectations and are **presented on the back of this page**. If a student chooses not to comply my expectations, the following actions may be taken

- 1) Verbal warning
- 2) Conference with student to discuss behavior and work out a plan to avoid further consequences
- 3) Depending on the offense, a phone call home or filing an infraction slip in accordance with F.A.M.S Policy
- 4) Removal from this elective course

Mrs. Griffin's CLASSROOM EXPECTATIONS

	All Classroom Settings	<u>Lab Activities</u>	During Instruction	Group Work	Work time / Assessments
I will be RESPECTFUL	Use appropriate language Use appropriate voice level Use good manners Stay in your personal space Listen to & Follow directions	Clean up after yourself ... "It's a <i>GROUP</i> thing!" Ask permission to use materials and equipment Use materials for the intended purpose	Be attentive when others are speaking Respect other's right to learn Be a positive asset to our learning environment	Respect other's opinions Maintain a positive attitude	Follow teacher expectations for "testing seats" Be respectful of those around you Respect quiet work time (voice level 0-1 depending on the activity)
I will be RESPONSIBLE	Be on time Be prepared Keep your work space clean Throw away your garbage Own your actions Use technology as instructed	Bring all materials to class Account for the materials you are supplied Report damaged or missing equipment or supplies	Participate to the best of your ability Stay on task during instruction	Do your part to the best of your ability	Complete your work to the best of your ability and by the due date Be efficient with your time Ask questions
I will be SAFE	Immediately report dangerous situations Remain in designated areas Keep hands/feet to self Walk at all times Enter/exit classroom in an orderly fashion	Use lab supplies with caution Wear safety equipment as directed Ask for help when you are uncertain Report all accidents and injuries	Be in your assigned area during instruction Respect personal space	Use appropriate volume level (voice level 1) Follow directions	Use materials as intended during work time Follow teacher directions Keep hands, feet, and objects to self