



Journey Middle School

217 Celtic Drive, Madison, Alabama 35758

STEM, 6th & 7th grade

Ms. Elizabeth Jenkins

Teacher Contact Information

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Classroom Phone: (256) 774-4695 ext. 84211

Classroom Digital Platforms

Webpage Link: <https://www.madisoncity.k12.al.us/Domain/3343>

Schoology Link: <https://madisoncity.schoology.com/home>

Textbook Information

There is no textbook for this course.

Course Description

In this course, students will gain a foundational understanding of what engineers do. In this hands-on, project-based learning course, students will work in groups utilizing the engineering design process to propose student-created solutions to challenges. Examples of past projects include: STEM Animations, paper roller coasters/towers, design builds, computer-aided designs (CAD), assembly line construction, inventions/innovations, and MORE!

Course Objectives

Upon completion of the course, students will be able to:

1. Work more effectively and efficiently in groups.
2. Manage timelines/due dates in a more consistent manner.
3. Explain the benefits of technological advancement to our lives.
4. Understand the role that engineers play in the invention and innovation of new technologies.
5. Improve the use of soft skills to better collaborate and communicate with peers.

Course Outline

Unit 1: What is STEM & course introduction

Unit 2: Science

Unit 3: Technology

Unit 4: Engineering

Unit 5: Math

Unit 6: Final Project

**This is subject to change.*

Classroom Expectations

Classroom Expectations:

1. Come prepared to learn everyday and follow all directions quickly.
2. Try to limit your time outside of the classroom as much as you can.
3. Try your very best every single day.
4. Be kind and respectful to everyone.
5. Keep your area clean
6. Keep all personal electronics out of sight during class

Progressive Discipline (JMS Policy)

All progressive discipline will correspond with the Madison City Schools Code of Conduct regarding Class I and II offenses. Class III offenses are a direct office referral.

- Warning
- Conference with student with parent notification
- Parent Contact
- Detention
- Referral to administration for repeat Class I violations and initial Class II and III offenses---Consequences determined to be reasonable and appropriate by the school

	administration.
Cell Phone Policy	Students are welcome to bring personal electronic devices to school. Students will not be allowed to use cell phones during class. Cell phones may be used during class transitions and lunch. All cell phones must be placed in student's backpacks or a cell phone holder sleeve that the teacher has placed in the designated area of the classroom during the entirety of the instructional block. Also, remember that the student is responsible for locking and securing personal devices. JMS is not responsible for lost, stolen, or damaged cell phones and other electronic devices. Students should ensure personal devices are always in a safe and secure location. Additionally, students may not use their devices to do anything inappropriate that would disrupt the learning environment at Journey Middle School.
Grading Policy <i>(MCS Policy)</i>	60% = Assessments (Tests, Essays, Projects) 40% = Daily Grades (Quizzes, Homework, Classwork, and Participation)
Late Work Policy	<ul style="list-style-type: none"> • Late work in CTE/STEM classes will not be accepted due to the brief nature of the classes. Students are expected to follow up with teachers upon return from an excused absence. • Students present in class on the day of instruction are expected to turn in all in-class and out-of-class assignments on time.
Make-up Work/Test Policy	Under normal circumstances, it is expected that students will submit previously assigned work upon return to school after an excused absence. All work missed on the day(s) of excused absences must be made up within a timeframe determined by the teacher. It is the responsibility of the student to ensure he or she makes up work following excused absences. Students will not receive credit for and will not be allowed to make up any assignments, tests, work, activities, etc., missed during unexcused absences.
Technology	Student laptops should not be hard-wired to the network or have print capabilities. Use of discs, flash drives, jump drives, or other USB devices will not be allowed on Madison City computers. Neither the teacher nor the school is responsible for broken, stolen, or lost laptops. Laptops and other electronic devices will be used at the individual discretion of the teacher.
Accommodations	Requests for accommodations for this course or any school event are welcomed from students and parents.
Materials & Supplies	<p>Required materials:</p> <ul style="list-style-type: none"> • Notebook or Composition Book • Pencils <p>Suggested materials:</p> <ul style="list-style-type: none"> • Scissors • Glue sticks
Homework	All assignments and projects will be completed during class time. In the case that a student may not utilize time wisely or are absent from class they may be expected to complete this work at home.
Distribution Link/Syllabus Acknowledgement Form	https://docs.google.com/forms/d/e/1FAIpQLSf-qH1t0AGsnWaW7Ww43RIA6ZDklkCj7zrl7nU_hrULuH_IXw/viewform?usp=sf_link