

	<h1 style="text-align: center;">STEMlish</h1> <p style="text-align: center;">Syllabus Fall, 2021</p>	<p style="text-align: center;">Instructors: Di'Chiara & Bibb</p>
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COURSE DESCRIPTION:

STEMlish is an innovative, new class at Peabody High School that combines STEM 1 and English 1 equally into one class. After successful completion of the course, students will receive both STEM 1 and English 1 credits simultaneously. The class will cover the Tennessee Academic standards for both classes. The class will be team-taught by Ben Di'Chiara, licensed STEM instructor, and Jill Bibb, licensed English instructor.

Students will primarily use project-based-learning, research/reporting, study of literature and informational texts, and various forms of writing to demonstrate both the four disciplines of STEM (Science, Technology, Engineering, and Math) and a knowledge of the Tennessee Academic Standards for English 1. Extensive time will be devoted weekly to preparation for the Tennessee English 1 End of Course examination.

GRADE DISTRIBUTION:

Even though the class will smoothly connect STEM 1 and English 1 daily through the use of units, students will receive two separate grades for the class.

STEM 1:

- Each project unit will have a graded rubric.
- **SAFETY** in the work setting
- Proper use of basic tools
- STEM-related careers will be researched then reported
- Computer Programming using Smartbots and coding through Code.org
- Engineering principals with a foundation of the (EDP) Engineering Design Process (Building towers and catapults)
- 3D object rendering using TinkerCAD.com

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3D printing design and principles with the use of a Makerbot 3D printer

English 1:

- Vocabulary quizzes
- TN Ready practice quizzes
- Grammar portions on project rubrics
- Writing assignments - various lengths and types including personal narratives, charts/graphs, informational writing, and argumentative writing. Students will also learn both the MLA and the APA formats for cited writing.

Tutoring will be available to students at specified times.

Student Expectations:

Students are fully expected to:

- Attend class daily, missing only when absolutely necessary
- Come to class mentally prepared to learn and work every day; be an active learner in class daily.
- Complete all assignments punctually and to the best of the student's ability
- Be cooperative with peers and instructors in class every day
- Independently keep an organized and complete class notebook

Instructors can be fully expected to:

- Attend class regularly, missing only when absolutely necessary
- Come to class both mentally and physically prepared
- Be fully present and active in class daily, ready to both assist students when necessary and push students when needed
- Be happy and alert instructors, working well together to achieve the common goals of the class.

CONTACT INFORMATION:

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Google Classroom Class Code:

Remind 101 Code: Send a text to 81010. Text this message -

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