

STEM Syllabus 2018-2019 Dr. Gehndyu

Welcome! This year, we will use scientific inquiry to explore topics that relate to our world. In this syllabus, you will find a lot of useful information that will help you be successful in this class. Please take the time to read it carefully and refer to it throughout the school year. If you have any questions, please feel free to ask Dr. Gehndyu. I look forward to sharing this exciting year with all of you!

Email: JanjayGehndyu@ssas.org **Phone:** 941-330-1855, ext. 1202 (leave a voicemail)

Course Requirements:

Class Materials:

Blackboard Website: All students must access Blackboard Learn (Bb) on a regular basis for class information, resources and assignments.

<http://learn2.sarasota.k12.fl.us>

- o **Username:** *N number*
- o **Password:** *student's lunch PIN*

Microsoft 365: All students have access to an online version of Microsoft products (Word, Excel, PowerPoint, OneNote and Outlook email).

<http://portal.office.com>

- o **Username:** *N number @ssasonline.org*
- o **Password:** *student's lunch PIN*

Student/Parent Portal: Access to gradebook.

<https://parentportal.sarasotacountyschools.net/>

- o **Username:** *N number*
- o **Password:** *Student's lunch PIN*

Expectations & Consequences:

Classroom Rules:

1. Show respect to teachers, students, and other's property.
2. Listen & follow directions the FIRST time they are given.
3. Raise your hand before speaking or leaving your seat.
4. Come to class prepared and ready to learn.

Consequences:

1. The "Look" or verbal warning
2. Rules writing assignment (in class)
3. Behavior Essay and Parent Notification
4. Detention and Parent Notification
5. County Referral

**For major infractions, Steps 1-4 may be skipped at the staff member's discretion (including refusal to complete rules or behavior essay).*

Tentative Topics:

1st Quarter:

Problem Solving
Blue Prints
Programming

2nd Quarter:

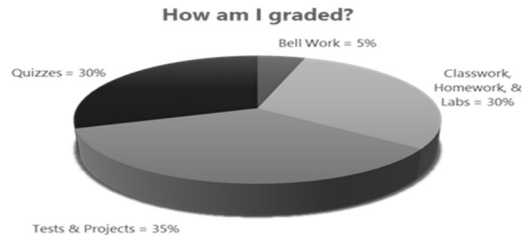
Unmanned Vehicles i.e.
RC Car
Drones

3rd Quarter:

Hack-a-thon
Application of tools

4th Quarter:

Rocketry
Construction
Electrophoresis



Academic Information:

Grading Scale:

- A = 100% - 90%
- B = 89% - 80%
- C = 79% - 70%
- D = 69% - 60%
- F = 59% and below

Grading Weights:

- 35% - Tests/Projects
- 30% - Quizzes
- 30% - Classwork / Homework/ Labs
- 5% - Bellwork

Assignments, Labs, & Projects: All assignments are due at the beginning of class.

- Late assignments/projects lose 10% credit each day it is late. After day 3, the highest grade possible is 50%. (Keep in mind projects are worth a test grade)
- When absent, you have the number of days absent to turn in missing work (e.g., 2 day absence = 2 days to complete work). Any assignment or project assigned before your absence must be in the day you return or make arrangements to turn it in early.
- It is YOUR responsibility to get any make-up work or missing work and turn it in. Check the class calendar and work bin. Label any make-up work with "absent" & date.
- Most assignments can be found on Blackboard or in the extra copies folder in class.
- Any work copied from another student or **plagiarized** work will result in a zero, and possibly a detention.

Tests & Quizzes: Quizzes occur frequently to check for understanding. Tests occur at the end of the unit or at Dr. Gehndyu's discretion.

- All tests will be announced the week before in class, on Blackboard, and in the gradebook.
- Study guides are only given for tests and are due the day before the test.
- In preparation for quizzes, students should review their notes on a regular basis to ensure their understanding of the current concepts.
- When absent, you must make up your missed quiz/test the day you return.
- *If you earn **below a 70% on any quiz or test**, you can improve your grade up to a **C** by doing retakes on Blackboard at home.*
 - *This must be accompanied by a **turned in parent signature** on one of the following: Original quiz/test/study guide, completing the retake form OR as a written note stating the original grade received (NO agenda book signatures or emails accepted).*
- **Cheating** in any form will NOT be tolerated and will result in **zero credit** and a **detention**.

Extra Credit:

- Any extra credit assignments will be offered at the teacher's discretion and cannot be requested on an individual basis by students or parents.
- Any opportunity will be discussed in class and/or posted on Blackboard.

Science Fair Due dates:

- | | |
|------------------|--|
| 8/31/18 | Topic Checklist due with Parent Signature |
| 9/10/18 | Phase 1: Research Plan due
Includes: Problem, Hypothesis, Variables, Bibliography, Materials & Procedures, & Signed Form |
| 10/24/18 | Background Research paper
Informative essay completed in collaboration with LA class |
| 10/1/18-10/29/18 | Phase 2: Experimentation
Starts after teacher approval;
Record observations in log book |
| 11/5/18 | Phase 3: Analysis & Conclusion due
Includes: Tables, Graphs, Results, Conclusion, & Abstract |
| 11/12/18 | FINAL PROJECT DUE
Includes PowerPoint Presentation & Log Book |
| 11/29/18 | SSA+S Science Fair
(for selected students only) |

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Dr. Gehndyu

STUDENT: I have read this syllabus and classroom discipline plan and understand it. I will honor it while in Dr. Gehndyu's class.

Printed Name: _____

Signature: _____ Date: __/__/__

PARENT(S): I have read this syllabus and discussed it with my child. I understand it and will support it.

Printed Name: _____

Signature: _____ Date: __/__/__

TEACHER: I will be fair and consistent in administering the discipline plan.

Signature: _____ Date: __/__/__