

Mrs. Julia Segawa's Integrated Science Class Syllabus

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Dear Parents/Guardians,

Aloha! I am excited to have your child in our class. Please welcome our student teacher, Ms. Devin Nakasone for the fall semester. We have a lot of exciting and interesting things planned. Please support your child by 1) checking my website for the daily agenda, 2) providing adequate homework time, space, materials, 3) asking your child to share his/her science interactive notebook, worksheets, projects, or google docs.

8th grade Next Generation Science Standards (NGSS)

1. MS-PS1 Matter and its Interactions
2. MS-PS2 Motion and Stability: Forces and Interactions
3. MS-PS4 Waves and their Applications in Technologies for Information Transfer
4. MS-LS1 From Molecules to Organisms: Structures and Processes
5. MS-LS2 Ecosystems: Interactions, Energy, and Dynamics
6. MS-ESS1 Earth's Place in the Universe
7. MS-ESS2 Earth's Systems
8. MS-ETS1 Engineering Design

Goals and NGSS Practices:

Students will learn Next Generation Integrated Science Standards through the 5E Model (Engage, Explore, Explain, Elaborate and Evaluate). Students will learn to think and reason like scientists. They will learn and practice the scientific method; use logic, and/or reasoning to investigate significant and relevant questions and hypotheses that result in insights and understandings to make real life connections. They will practice:

- *Asking questions and defining problems*
- *Developing and using models*
- *Planning and carrying out investigations*
- *Analyzing and interpreting data*
- *Using mathematics and computational thinking*
- *Constructing explanations and designing solutions*
- *Engaging in argument from evidence*
- *Obtaining, evaluating, and communicating information*

Student Expectations: Students are expected to practice the following:

Punctual: on time to class, completing tasks, deadlines, etc.

Prepared: ready to learn and have needed work, supplies/materials

Polite: courteous and considerate, treat others as you would yourself

Positive: conscious/aware of the point of view used when thinking, working, interacting

Productive: produce/contribute ideas, work to accomplish goals, purposes, objectives, etc.

Discipline Policy: All school rules apply. Refer to the school planner and Chapter 19.

The goal of this class is to provide an environment where everyone can learn and enjoy the class. When a student's behavior distracts or prevents others from learning, the following sequence will follow. At teacher discretion and severity of the offense, steps may be skipped. Inappropriate and/or unsafe behavior will result in removal from class activities or lab if safety is a concern.

1st Offense: Verbal warning/counsel

2nd Offense: Second warning/Recess or lunch detention

3rd Offense: Parent/Guardian notified/detention

4th Offense: Parent/Guardian notified/Referral to counselor or VP

Textbook/Curriculum:

- Blackboard Learn hidoe.blackboard.com
- Earth, Life & Physical Science by Holt Science & Technology
- Science Explorer by Pearson Prentice Hall
- Stem Scopes by Accelerate Learning

Required Supplies: The following items are required **daily** to assist in the learning process:

- one-subject, college ruled composition or spiral notebook (please purchase an extra)
- additional folder paper or cornell note paper
- pencil or pen, glue sticks, scissors, metric ruler, colored markers or pencils, highlighter

Interactive Notebook/Google Classroom:

Students will keep an organized Interactive Notebook consisting of coursework, notes and handouts. **Bring it to class everyday.** It will be checked periodically for a grade. We will also be utilizing Google Classroom.

Course Marks/Grades:

Performance and grade are based on a four point scale based on proficiency standards. Your child may revise projects and retake tests/quizzes up to one week prior to the end of each quarter. Assignments and assessments are equally weighted in Infinite Campus. We are available for additional help or support during recess or lunch B by appointment. You may view your child's grades at

<https://hawaii.infinitecampus.org/campus/portal/hawaii.jsp>

Infinite Campus Percentages Used to Calculate semester/year A 85.1%, B 60.1%, C 47.6%, D 22.6%, F 0%

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| A Exceeds 4.0 | Exceeds proficiency by demonstrating in-depth inferences and real life applications that go beyond what was taught in a new situation |
| A Exceeds 3.5-3.9 | In addition to Level 3.0 performance, in-depth inferences and applications with partial success. |
| B Meets 3.0-3.4 | The student exhibits no major errors or omissions of the benchmark. |
| B Meets 2.5-2.9 | No major errors or omissions regarding the simpler details and process and partial knowledge of the more complex ideas and processes. |
| C Approaching 2.0-2.4 | There are no major errors or omissions regarding the simpler details and processes as the student. However, the student exhibits major errors or omissions regarding the more complex ideas and processes. |
| C Approaching 1.5-1.9 | Partial knowledge of the simpler details and processes but major errors or omissions regarding the more complex ideas and procedures. |
| D Beginning 1.0-1.4 | With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes. |
| F Not yet met 0.5-0.9 | With help, a partial understanding of some of the simpler details and processes but not the more complex ideas and processes. |

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| F Not yet met 0.0-0.4 | Even with help, no understanding or skill demonstrated. |
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Absences: It is the student's responsibility to:

- Copy missed notes from a fellow classmate or teacher upon return.
- Pick up missed work, complete and turn in within two days upon return.
- Make up missed quiz or test during recess, lunch or after school by appointment.
- If a lab was missed, inquire about the nature of the lab, copy missing data from lab partners & turn in completed lab report.

Late/Incomplete Work:

Late/incomplete work will be accepted if the student arranges a meeting with teachers to discuss reasons for late/incomplete work and approval is given. Approval is granted for reasons such as absences, pulled out of class by RLS staff members, excursions, special circumstances. Playing around in class or choosing not to participate are not acceptable reasons for approval.

Science Hawaii State Assessment (HSA):

Your child will be given the Hawaii State Assessment for Science. It will be administered twice. It is an adaptive test, meaning that the questions presented will be based on the answers your child provides throughout the test. It is a rigorous assessment, covering Scientific Method and Inquiry, Earth, Space, Physics, Biology, Ecology, and Chemistry. Please encourage your child to eat breakfast, get a good night's sleep, and to review science content prior to each HSA assessment.

Learning is a lot more effective and fun when it can be done with hands-on activities, so in our class your child will be learning through inquiry-based activities and labs, which require them to be mindful of their actions so they do not hurt themselves or others. ***A safety contract must also be signed and returned before your child may participate in hands-on activities and/or labs.***

Please visit my website at <https://bit.ly/mrsjuliasegawa>. On this site you will be able to view helpful information and links to websites that will enhance your child's science learning experience. If you need to contact us, please do so by calling 808-307-3367 or you can email us at julia.segawaj@k12.hi.us or devin.nakasone@k12.hi.us. Email is the best means of communication. We will get back to you as soon as possible. We look forward to seeing all of you at school events.

Mahalo for your support!

Ms. Devin Nakasone

Mrs. Julia Segawa

Science Safety Contract

1. I will act responsibly at all times in the classroom. I understand that horseplay, jokes and pranks are not appropriate in a science classroom.
2. I will follow all written and verbal instructions about the laboratory procedures given by the teacher.
3. I will not touch any equipment or supplies until instructed to do so by the teacher.
4. I will perform only those activities that have been authorized by the teacher. I understand that unauthorized experiments are forbidden.
5. I will keep my table and area around it clean and neat.
6. I will wear safety goggles whenever we are conducting experiments, as appropriate.
7. I will immediately notify the teacher of any emergency.
8. I will tie back long hair, baggy clothes, and dangling jewelry while doing a laboratory activity.
9. I will not take anything out of the classroom without permission from the teacher.

I understand and agree to follow all of the safety rules in this contract. I am aware that any violation of this safety contract that results in unsafe conduct in the laboratory or misbehavior on my part will result in being removed from the classroom, laboratory, or activity.

Student Last, First Name: _____ Per: _____

Student Signature: _____ Date: _____

Dear Parent or Guardian,

Please read the list of safety rules above. Your signature indicates that you have read this Science Safety Contract, are aware of and agree to the measures taken to insure the safety of your child in the science classroom.

Parent/Guardian Signature: _____ Date: _____

Students in this classroom are regularly photographed or video-recorded for instructional or assessment purposes. Often, photos and/or videos may be shared or posted on our school's website/social media and/or my/website at <https://bit.ly/mrsjuliasegawa>. At times, PG-13 movies such as Apollo 13 may be shown as part of class activities. Please **check (✓) below** if you allow or do *not* allow permission for the following:

_____ Yes, I give permission for my child to be photographed and/or videotaped.

_____ Yes, I give permission for my child's work or likeness to be used on RLSMS or Mrs. Segawa's webpages.

_____ Yes, I give permission for my child to view PG-13 movies that may be shown in class.

_____ No, I do not give permission for my child to be photographed and/or videotaped.

_____ No, I do not give permission for my child's work or likeness to be used on RLSMS or Mrs. Segawa's webpages.

_____ No, I do not give permission for my child to view PG-13 movies. Another activity will be provided.

Dear Parents and Guardians,

We are honored to be your child's 8th grade science teachers. We would appreciate your participation in a 'parent homework assignment' that will be very helpful to us. Please take a few minutes to write a brief letter introducing your child in the space below. Some suggestions include: a brief biography, special abilities, strengths, challenges, or past science experiences. Include any information that you think we would find helpful while we work with your child. All letters will be kept confidential and we will reach out to you and other campus resources should we feel a need for additional support.

You may write in the space below your signatures or email your letter to julia.segawa@k12.hi.us if that is easier for you. Please return this before Monday, August 23, 2021.

Sincerely yours,

Ms. Devin Nakasone and Mrs. Julia Segawa

I acknowledge receipt of the 8th grade science syllabus for Ms. Devin Nakasone and Mrs. Julia Segawa.

Student Last, First Name: _____ Per: _____

Student Signature: _____ Date: _____

Parent/Guardian Last, First Name: _____

Parent/Guardian Signature: _____ Date: _____