Sinaloa Middle School
A California School To Watch
A California Gold Ribbon School
2026-2027

COURSE TITLE: Introduction to Aeronautics

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Soar into the wild blue yonder! Take flight with some of the world's most impressive explorers, adventurers, and inventors. Welcome to Introduction to AERONAUTICS. As a lifelong student I have always been amazed by things that fly. This interest led me to developing this elective class for students who want to learn about the art and science of flight. I look forward to a good semester and hope each of you will achieve a great deal of academic growth, personal growth, and success. To help you succeed, carefully review the following:

Course Outline

I. Course Standards/Objectives

Aeronautics is an elective that will introduce students to the science, technology, engineering, and magic of flight through hands-on design and first hand exploration. We will cover topics that include the physics of flight, flight control, flight safety and laws, gliders and powered aircraft, fixed wing and rotary wing aircraft, use of and design of unmanned aerial vehicles (UAV), and the history of flight. The topics and focus of this class will be driven by the interests of the students.

Students may bring in their personal UAVs for demonstration purposes with prior permission from the teacher and at their own risk. Safety perimeters will be set and the class Safety Contract will be followed.

II. Classroom Management and Expectations

In this classroom:

- Students will follow rules of the agenda book and safety contract.
- If a student chooses to adhere to these expectations, opportunities for academic and personal growth will abound and any love of flight will be nurtured.
- If a student chooses to disregard these expectations, consequences will be assigned that may include: the student may be sent out of the classroom for the remainder of the period to complete an alternative assignment, detention may be assigned, a referral may be issued, suspension from the class for 1 to 2 days may be requested, and the student may lose the privilege of participating in an activity (become an observer only).
- Students will complete their classwork and data collection in their "flight book" which will stay in class for the semester. Students will be encouraged to use their flight book on all quizzes.

III. Grades and Grading

Your student will demonstrate mastery in this class by:

- Activities/Projects (35 % of grade)
- Quizzes (25% of grade)
- Assignments (20% of grade)
- Participation (20% of grade)

Work not turned in will count against a students' grade. Late work will only be accepted in the current quarter and will be given partial credit. Students will be given advance notice of the final deadline for late work at the end of each quarter.

As a responsible student, you need to be aware of your daily assignments. If you are absent, please check the posting in the classroom, use Google Classroom, call another student in the class, or get in touch with me so you will not miss any assignments. Work missed while absent needs to be completed and turned in in relation to the number of days the student was absent.

The following standard grading scale will apply:

90% – 100% A, 80% - 89% B, 70 – 79% C, 60 – 69% D, less than 60% F

IV. Academic Dishonesty & Plagiarism

Cheating and plagiarism of any kind will not be tolerated and will result in a zero for that assignment and a parent contact. Turning in work that a student did not personally create (the use of ChatGPT, AI, or copied/pasted material) is considered cheating &/or plagiarism. Any subsequent offenses will result in an Administrative Referral as an additional consequence.

V. Communication

I am available in room D-11 for any questions or help. If you have any questions, comments, or ideas to share, please send me an e-mail at: corrine.lightfoot@simivalleyusd.org. I enjoy having guest speakers and taking the students on field trips. If you have any contacts or suggestions to enhance our Intro to Aeronautics course, please let me know!

Educational standards describe what students should know and be able to do in each subject in each grade. In California, the State Board of Education decides on the standards for all students.Information regarding specific standards can be found at www.cde.ca.gov.

For more information on schoolwide policies and expectations, please review the agenda book, viewable online at sinaloa.simivalleyusd.org.