



Vega Junior High

7th-grade science 2022 - 2023

Coach Sansing, BS Biology
Room: 223
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Tutorial Times: (ACADEMY)
Conference times: 10:11am - 10:56am
2:06am - 2:51am

7th grade Science Course Description:

To develop a rich knowledge of science and the natural world, students must become familiar with different modes of scientific inquiry, rules of evidence, ways of formulating questions, ways of proposing explanations, and the diverse ways scientists study the natural world and propose explanations based on evidence derived from their work.

Topic Outline: The chapters to be covered are listed below. The course will include but is not limited to the following: (teks resource system will also be used as a timeline)

Fall Semester:

1st 9 wks. Unit 00: Scientific thinking and reasoning
 Unit 01: Introduction to cells and microscope usage
 Unit 02: Body Systems and Homeostasis

2nd 9 wks. Unit 02: Body Systems and Homeostasis cont....
 Unit 03: Investigating plant systems
 Unit 04: Genetics and Christmas project

Spring Semester:

1st 9 wks. Unit 05: Investigating adaptations in plants and animals
 Unit 06: Investigating the flow of energy
 Unit 07: Investigating organisms and their environments.

2nd 9 wks. Unit 07: Investigating organisms and environments cont...
 Unit 08: Investigating factors that affect earth systems.
 Unit 12: Investigating characteristics of space space
 Unit 13: Ecosystems

*Note: The above timeline may be altered to adapt to the pace of each class. Group and individual projects will persist throughout the year. *The majority of projects will be completed in class.*

Laboratory: We will be in or doing labs as much as possible students will have to complete the laboratory safety procedures *as well as have signed parental permission*. Students will be held to high accountability while doing laboratory procedures. A student's participation in the lab will be up to the teacher's discretion based on how well the students conduct themselves *in class* and the lab. *The teacher reserves the right to withhold any student from the lab.*

Materials Required:

Notebook paper/journal preferably gridded lines
Pencils/ black and blue pens
Eraser
Glue sticks
Colored pencils/scissors
Headphones

Expectations of Students:

The main rule in our class: *BE RESPECTFUL!!!!*

- Show respect, not only to the teacher but also to other students and *any school property they use*.
- Complete all work assigned to them.
- Be responsible for make-up work.
- Stay on task during the class period.
- Be *responsible* for any equipment damaged/lost while in their possession.
- *Ask for help* at any time it is needed. *I am always willing to help.*
- BE SUCCESSFUL!
- Students will keep a scientific journal throughout the year; the journal will be utilized as a timetable and will be used in daily and participation grades.
 - In their journal, students will be expected to write the weekly agenda along with the daily IWBAT statement.

Absences and late work policy: Students are absent for a number of different reasons; students are expected to complete the work they missed in a timely manner. (1 class period for each absence) I will work with the students on a case-to-case matter. Exceptions will be made; communication is key with this issue! In the class, there will be a folder for each day the missed assignments students are expected to communicate with the teacher when they are absent and collect the missed work. This is a great opportunity to utilize academy time. The students will be expected to check the folder when they return to class or check google class for online assignments. This will be used to hold the students accountable for their work. *0's will be issued if a student's work is late. The 0's will not be able to be corrected.*

Student Expectations of Teacher: Students have the right to expect a teacher who is knowledgeable, organized, and presents materials effectively. The teacher should display a pleasant, polite, and positive attitude. The teacher should be consistent and above all fair. The teacher should be understanding of student problems and willing to help or find the appropriate method to assist students. The students should expect the teacher to be a positive role model and set an example for students to become outstanding young men and women. Students should expect the teacher will advocate for them at all times. The students should expect to show the teacher respect and expect respect to be reciprocated.

Grading Procedures:

Tests	33%
Homework/Daily work/	20%
Quizzes	27%
9 week Test	20%

*Semester tests count 25% of the semester average.

- ❖ For a test, students will have the opportunity to receive $\frac{1}{2}$ credit for the points they missed. For example, if a student scores a 70 on a test they will have the opportunity to correct the test to an 85. They must complete an explanation as to why they missed the question. As well as give a scenario for how the answer they chose would have been correct. *Just because a student turns in a correction does not mean they will automatically receive the point. They will get points back based on the quality of work that is turned in.*
- ❖ Assessments in our class can consist of a variety of different forms. The students are expected to be prepared to perform at their best.

Cell Phone/iPod policy: Due to recent issues involving technology. I would prefer for the students to not even bring cell phones into the classroom at all. If they do bring the phone into the class they will be asked to turn it in.

Food/Drink Policy: Students may bring *bottled water only*. I will allow breakfast to be eaten in my room during academy.

Equipment and Vega ISD property: We will be using a variety of equipment and technology that is supplied by Vega ISD. Students should treat the equipment they are using with respect and handle it with care. Students will be held *financially* responsible for the damage they cause to Vega ISD equipment.

Chromebooks: We will be working with our Chromebooks all year long. The students will be responsible for bringing their Chromebooks to class every day as well as ensuring the Chromebook is *charged* before class, if they do not bring their Chromebook the student will be held responsible for the work they missed during class.