

Course Content and Time Schedule

Earth, Physical, and Life Science

I. Quarter 1: Thermal Energy

Goal #1: To model the flow of water as it changes state through the hydrologic cycle and investigate the role of energy and gravity within Earth's systems. [MS-PS1-4, MS-ESS2-4]

Goal #2: To develop an understanding of the relationship between energy and temperature and to engineer a device that maximizes or minimizes thermal energy transfer. [MS-PS3-3, MS-PS3-4, MS-PS3-5, MS-ETS1-3, MS-ETS1-4]

Quarter 2: Weather and Climate

Goal #1: To explain how complex interactions of air masses, the unequal heating of the Earth's surface, and the rotation of the Earth cause patterns in meteorological phenomena affecting weather and climate. [MS-ESS2-5, MS-ESS2-6]

Quarter 3: Human Impact

Goal #1: To evaluate evidence of the natural processes and human activities which contribute to the rise of global temperatures. [MS-ESS3-5]

Goal #2: To analyze the impact humans have on the environment and design solutions that monitor and minimize the adverse effects. [MS-ESS3-3, MS-ETS1-1, MS-ETS1-2]

Quarter 4: Cells to Organisms and Body Systems/Information Processing

Goal #1: To provide evidence that living things are made of one or more specialized cells and model how the cell and its parts contribute to the function of the cell. [MS-LS1-1, MS-LS1-2]

Goal #2: To compare the genetic outcomes that result from asexual and sexual reproduction. [MS-LS3-2] Instruction in Science 6 is limited to the difference between asexual and sexual reproduction. This performance expectation is revisited in Science 8 with an emphasis on the transmission of traits and the interpretation of Punnett Squares.

Goal #3: To examine environmental and genetic factors as well as the behavioral and structural traits that influence the reproduction and growth of plants and animals. [MS-LS1-4, MS-LS1-5]

Goal #4: To develop a conceptual understanding of the hierarchical organization of organisms emphasizing the interdependence of body systems and their response to stimuli. [MS-LS1-3, MS-LS1-8]

Course activities Evaluation

1. Criteria for student grades

1. Participation/contribution/attendance (citizenship)
 2. Homework/in-class assignments (30% of the quarter grade)
 3. Test/quizzes/labs/projects (70% of the quarter grade)
- a. Semester exams will be worth 20% of the SEMESTER grade
- i. Semester exams will not be administered early. Students who are absent may make-up their exams on the district approved make-up day.
- b. Explanation of student grades
- i. A 100 – 90%
 - ii. B 89 – 80%
 - iii. C 79 – 70%
 - iv. D 69 – 60%
 - v. F 59 and below
- c. How and when students will be advised of their grades
- i. Parents and students are urged to check the Infinite Campus Portal for grades regularly.
 - ii. Grades will be posted in the classroom every Tuesday.
- d. Late Work policy – **Late work will be accepted up until one week before the end of the grading period.**

- II. Test retake policy – **A student may retake a test 1 time if they are unhappy with their grade. The student must schedule a time to come in before or after school to retake the exam.**

School-Wide Rules

- a. Follow directions quickly.
- b. Raise your hand for permission to speak.
- c. Raise your hand for permission to leave your seat
- d. Make SMART Choices: Kindness, Leadership, Courage, Invincible Grit, Creativity
- e. Work hard to do your best for your teachers and parents at all times.
- f. Keep your eyes on the target.

III. TARDY POLICY – Progressive Steps

- a. 1st Tardy – Warning & Parent Phone Contact
- b. 2nd Tardy – Warning & Parent Phone Contact
- c. 3rd Tardy – Non-TRS RPC
- d. 4th Tardy – After School Detention
- e. 5th Tardy – In-House Suspension (IHS)
- f. 6th Tardy – Required Parent Conference – RPC/Tardy Contract
- g. 7th Tardy – IHS/parent and student meet with the principal

IV. BEHAVIOR- Progressive Discipline

- a. 1st Incident – Verbal warning
- b. 2nd Incident - Parent contact by teacher
- c. 3rd Incident – Written contact to parent
- d. 4th Incident – Counselor referral
- e. 5th Incident – Deans' referral

V. Supplies needed for this course

- a. 2 spiral notebooks (1 will be left in class and used as an interactive notebook)

- VI. Utilizing technology to learn – At Leavitt, we want to encourage the daily use of technology in and out of the classroom to further enhance the educational experience. As such, Leavitt will be providing students with individual devices in all grades to utilize in class and at home. Students will also be provided with a Google email address to correspond with their teacher and classmates on projects, as well as to turn in assignments. Students may choose to utilize their own electronic tablets (iPads, Kindle Fire, Samsung, etc.) cell phones, laptops, and reading devices for educational purposes. Please be reminded that your student is responsible for the safety of their personal device and must utilize the district's Wifi to ensure their internet safety. All use of these devices will be for educational purposes and must be approved by the individual teacher.

VII. Teacher's hours of availability

- a. Tuesday 3:21-4:00pm
- b. Thursday 3:21-4:00pm
- c. By appointment if the above times are not convenient