

7th Grade Life Science Syllabus

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Course Description

This seventh-grade course focuses on introducing students to the diversity of life found on our planet. The course includes an overview of scientific principles and procedures, and leads students toward a clearer understanding of cells and heredity, the five kingdoms, human body systems, and ecology. As students refine and expand their understanding of life science, they will apply their knowledge in investigations that require them to ask questions and explore the world around them. Throughout the course, students will also solve problems, reason abstractly, and learn to think critically.

Course Objectives

Throughout the course, you will meet the following goals:

- Examine the characteristics of living things.
- Investigate cell structure and cellular processes.
- Relate the structure and function of DNA to inheritance patterns.
- Analyze how human body systems work together to maintain homeostasis.
- Explore the changes in organisms over time.
- Learn about the diversity of organisms, from bacteria to animals.
- Demonstrate an understanding of populations and ecosystems.
- Explain the causes and effects of environmental change.

Required Materials

- Composition notebook
- Science folder (*not shared with other classes)
- Color pencils, highlighter, markers, glue stick, #2 pencils, pens, and scissors.

Grading

- Exams 40%
- Quizzes/Projects 30%
- Classwork /Participation 20%
- Homework/ Bellringers 10%
- Grading Scale:
 - 90-100% = A
 - 80-89% = B
 - 70-79% = C
 - 60-69% = D
 - Below 60% = F
- **Homework:** Students should write down homework daily in their agendas, as it is assigned by the teacher. Students also should check Archie (sis.archimedean.org) daily.
- **Absences:** Students are responsible for all material and work missed when absent. It is the student's responsibility to seek this information.
 1. Check Archie for any homework posted even on days absent.
 2. Email the teacher as soon as possible for any missed material or assignments.
 3. Ask classmates for class notes from days absent.
 4. Speak with the teacher during lunch or after school to clarify any missed items.

★ Students will only be given work for excused absences only.

Late Assignments

For work turned in late, the following policy will apply: The assignment will drop **one LETTER** grade for each school day that passes. For example, if an assignment is turned in one school day late, the highest a student can receive is 89%; two days late, 79%, ect...

1 day late = maximum credit 89%

2 days late = maximum credit 79%

3 days late = maximum credit 69%

4 days late = maximum credit 59%

5-10 days late = maximum credit 50%

- ★ Half credit is always better than no credit! Until work has been made up, "Missing" (Which counts as a Zero) will be put in the grade book. This will be updated once work is completed and turned in.

I have read, understand, and agree to the above information:

Student Name: _____

Class Section: _____

Parent Email: _____

Parent Phone Number: _____

Student signature

Date

Parent's signature

Date