

Middle School Life Science Program

2023-2024

Grade 6

Teacher: Mrs. Preeti Notani

The Curriculum

Life Science is the study of living things. Topics covered include life characteristics, cells, heredity, life over time, diversity of organisms and ecosystems. The main emphasis of this course is to introduce students to a wide range of life science vocabulary, concepts, skills and activities that will instill a life-long interest in science. Course work will involve article readings, assignments, hands-on experiments and activities, quizzes, tests, journal writing, and in-school and at-home projects.

Students acquire fundamental concepts and principles in biological sciences using scientific inquiry and problem solving skills. Laboratory sections provide for hands-on experiences and are an integral learning accompaniment to this and any science course. Labs should occur at approximately the rate of one per month. Other learning activities include videos, computer internet studies, anatomical models, charts and specimens for dissection.

Major Units

1. Life Structure and Functions
2. Bacteria and Plants
3. Animals
4. Human Body Systems
5. Interactions of Life

Science Notebooks:

This year we will be using science notebooks. Much of your homework, research, labs, data, notes, etc. will be kept in this notebook. Your notebook is essential to your grade, therefore, it is extremely important for you to maintain an accurate, neat, and organized notebook and to make sure you have it in class every single day.

Grading Components:

1. Tests
2. Quizzes
3. Classwork assignments
4. Homework assignments
5. Projects

Grading Scale and Grade Point Average:

Percentage	Semester Grade	Standard	Honors	AP
97 - 100	A+	4.0	4.5	5.0
93 - 96	A	4.0	4.5	5.0
90 - 92	A-	3.7	4.2	4.7
87 - 89	B+	3.3	3.8	4.3
83 - 86	B	3.0	3.5	4.0
80 - 82	B-	2.7	3.2	3.7
77 - 79	C+	2.3	2.8	3.3
73 - 76	C	2.0	2.5	3.0
70 - 72	C-	1.7	2.2	2.7
67 - 69	D+	1.3	1.8	2.3
65 - 66	D	1.0	1.5	2.0
Below 65	F	0.0	0.0	0.0

Honor Roll Eligibility

Highest Honors: GPA of 3.90 or higher

Honor Roll: GPA of 3.50 - 3.89

*Any student receiving two or more demerits in any one quarter will not be eligible for honor roll.

Supply List:

- 3 ring binder or any folder
- Notebook
- Folder to save handouts
- Pens, pencils, one highlighter, and hand pencil sharpener
- Lysol or any cleaning wipes
- Book covers

For more information about details of the class:

<https://lupscience.weebly.com/grade-6-life-science.html>