

**MATERIALS/TEXTBOOK:**

1. Integrated Coordinate Science, It's About Time.
2. Wyssession, Michael, David Frank and Sophia Yancopoulos. Physical Science: Concepts in Action. Prentice Hall, New Jersey, 2004
3. Miller, Kenneth R, and Joseph Levine. Biology. Prentice Hall, New Jersey, 2004
4. Tarbuk and Lutgens. Earth Science. Prentice Hall, 2006.

**1st Semester Topics**

(Biology Chapters 3, 4, 5, 6, 15, Physical Science Chapters 4, 5, 6, 8)

- The Biosphere
- Ecosystems
- Populations
- Biodiversity
- Darwin's Theory of Evolution
- Atomic Structure
- The Periodic Table
- Chemical Bonds
- Solutions, Acids, and Bases

**2nd Semester Topics**

(Physical Science Chapters 17, 18, 20, 21; Earth Science Chapters 1, 2, 3, 8, 9, 10, 11)

- Mechanical Waves and Sound
- The Electromagnetic Spectrum
- Electricity
- Magnetism
- Introduction to Earth Science
- Minerals and Rocks
- Earthquakes and Earth's Interior
- Plate Tectonics
- Volcanoes and Other Igneous Activity
- Mountain Building

**GRADING POLICY**

Grades are calculated as follows:

|                    |     |
|--------------------|-----|
| Warm-Ups.....      | 10% |
| Classwork.....     | 10% |
| Homework.....      | 10% |
| Tests/Quizzes..... | 55% |
| Final.....         | 15% |

The Final Grade for the semester will be on a standard percentage scale.

A: 100%-90%; B: 89%-80%; C: 79%-70%; D: 69%-60%; F: 59% or below

**Work Habits and Cooperation**

- Work habits will depend on Homework/classwork completed overall for the semester.
  - Student completes at least 80% of classwork/homework.....E
  - Student completes at least 70% of classwork/homework.....S
  - Student completes less than 70% of classwork/homework.....U
  
- Cooperation will depend on class participation of class activities
  - Student participates in all activities.....E
  - Student participates in most activities.....S
  - Student doesn't participate in most activities.....U

#### Warm-Ups

- Assigned almost daily the first ten minutes of class. Points may vary.

#### Classwork

- Assigned daily during class and due by the end of class. Each assignment is graded on percent completed with proper work shown. Points may vary.

#### Homework

- Mostly assigned at the beginning of the chapter and due the day of the test (before the tardy bell, see semester plan for due dates). Each assignment is graded on percent completed with proper work shown. Points may vary. (10-70 points)
- Students will also receive homework points for getting their graded tests signed by a parent or guardian and turned in within one week from the day the graded tests are returned to them.

#### Project(s)

- May be assigned throughout the semester, such as a student portfolio that includes a collection of all the work related to this class including notes may be due at the end of the semester. Student's should keep all their work and handouts in a safe place to refer to when needed.

#### Tests

- Will be given with at least one day notice. (See semester plan). Tests will always be similar to the homework/classwork questions or problems assigned. The number of points possible of a test may vary.

#### Quizzes

- Usually given at the conclusion of each textbook section but may be given at any time. The number of points possible of a quiz may vary.

#### Extra Credit

- May be offered at any time. Extra credit can be offered as a bonus problem on a test, homework or classwork.
- Some assignments will be curved and provide an opportunity for extra credit on that assignment.
- Points may vary.

*Make-up work: Only assignments that are missed due to an excused absence will be accepted late.*

- Tests & Quizzes must be made up immediately upon returning from an excused absence otherwise zero credit will be given (see teacher).
- Homework assignments due the day of an absence must be turned in immediately upon returning from an excused absence. If the assignment or multiple assignments are missed due to an extended absence, the appropriate amount of time will be given to make it up (see teacher).
- Classwork and warm-up assignments can be made up and will be due the day after the students' return to class. If multiple assignments are missed due to an extended absence, the appropriate amount of time will be given to make it up (see teacher).

*A cumulative final will be given.*

*I reserve the right to change the class policy to suit the best interest of the students.*