

7th Grade Science Syllabus

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Black Board:

Parents and Students can also access Black Board www.bb91.misd.net for Lessons, Assignments, and Projects. You will need your student login and password to access Mrs. Volpe's BB web page. Student login is: ric(student id number) password: last 4 digits of home phone number

Exit Outcomes:

1. Monitor and analyze his/her progress throughout the course.
2. Implement strategies to answer questions and solve problems
3. Express, demonstrate and discuss comprehended knowledge.
4. Communicate and contribute to a cooperative group environment.
5. Utilize various methods of communication.
6. Demonstrate a level of proficiency in regards to class material.
7. Utilize skills learned in regards to scientific research.
8. Demonstrate a familiarity with classroom technology.

Major Areas of Study:

In 7th grade Science the students will be covering a variety of subjects in order to prepare them for 8th Grade Science as well as future science studies. They will spend approximately the first ten weeks studying Waves in all there forms and all aspects including length, amplitude and power as well as studying those relationships to pitch and frequency in audible waves. Light and lasers will also be studied in the Unit. We will spend about two weeks studying each of the following chapters in the book "*Sound and Light*".

#1 Character of Waves **#2** Sound **#3** The Electromagnetic Spectrum

We then will move to the Book titled "*Chemical Building Blocks*" Where the student will study the smallest parts of matter, how matter moves through different states, and their properties in each as well as an introduction to the period table. About two weeks will be spent in each of these chapters.

#1An Introduction to Matter **#3** Changes in Matter **#4** Elements and the Periodic Table

In the "*Cells and Heredity*" book we will study cell growth, reproduction and differentiation. We will also look at the passing of traits by the use of DNA chromosomes in genes. Once again it will take about two weeks to get through each of these chapters.

#1Cell Structure and Function **#2**Cell Processes and Energy **#3**Genetics:The Science of Heredity **#4**Modern Genetics

They will finish the year with the book "*Weather and Climate*". They will be asked to do select section from all four chapters including.

#1 The Atmosphere **#2** Weather Factors **#3**Weather Patterns **#4** Climate and Climate Change

Grading Policy: (see Student Handbook) Assessment Categories:

Summative assessments demonstrate the student’s knowledge of a subject after instruction. Summative assessments include tests/quizzes, projects, labs, and demonstrations. (80%)

Formative assessments demonstrate the student’s progress in mastering content during the course of instruction. Formative assessments include homework, class work, and bell work. (20%)

****These guidelines emphasize summative assessments. 80% summative and 20% formative

Summative Assessment Retakes:

Summative assessment retakes are available to all students, based on the following principles and processes:

One retake per summative assessment must be made available to all students. A teacher may elect to offer more at their discretion.

The higher score is the only score of record

Students must follow the retake process:

1. A written request by the student (submission of a retake form filled out correctly)
2. The student’s demonstration of effort to attain mastery learning which includes test corrections and caught-up homework.
3. The teacher’s approval for retake following steps 1 and 2.
4. The student is present on the designated retake day.
5. Completion of the retake within a reasonable time (teacher discretion) frame, e.g., within 1.5 weeks of the original summative assessment.
6. Retakes will be in a different format from the original summative assessment.
7. End of semester exams cannot be retaken.

Late Work, Missing Assignments, and Zeros:

1. Formative assessments; assignments will be accepted until the time a summative assessment is given. At that time, all missing assignments will be given a zero. **Work completed and turned in as part of the requirement for a Summative Retake, will be accepted, but NOT GRADED.**
2. One day late work will be accepted and graded as one letter grade lower for each day it is missing.
3. Summative Assessments: zeros are not allowed for missing summative assessments. All assessments must be taken.

Grading Scale (80% assessments + 20% practice)

100% to 94% = A 93% to 90% = A- 89% to 86% = B+ 85% to 83% = B 82% to 80% = B-
79% to 76% = C+ 75% to 73% = C 72% to 70% = C-
69% to 66% = D+ 65% to 63% = D 62% to 60% = D- 59% and Below = F

Classroom Rules, Regulations, and Consequences.

Science Expectations and Class Policies

- Respect for yourself and others
- Be responsible-you are responsible for coming prepared to class and responsible for your actions!
- Textbook and Notebook/Writing/Coloring Utensils-I will not provide the student with something to write with see #2
- Flash Drive-students will be required to submit projects and work on projects using a computer. Therefore, it is important they have medium to save their work on.
- Respect and help take care of classroom materials and supplies

Consequences:

Attendance/Tardy Policy (see Student Handbook)

Tardy:

1st and 2nd Tardy: Warning

3rd Tardy: parent contact

Discipline:

1st offense and 2nd offense: verbal warning, seat changed, exit the classroom

3rd: parent contact

4th: Teacher, **7:00 a.m.**, detention. If student **fails to attend or is late**, the student will automatically have a write up.

Students are **expected** to bring **planner, paper, pencil or pen**, and their **book** to class **every day**.