

SCHOOL: Broad Meadow Middle School
ADDRESS: 50 Calvin Road, Quincy, MA 02169
PHONE #: (617) 984-8723

SYLLABUS

TEACHER Mrs. Baird

COURSE/GRADE LEVEL Seventh Grade Science

INSTRUCTIONAL MATERIALS

Textbooks

Prentice Hall Explorer series: Animals
Prentice Hall Explorer series: Chemical Building Blocks
Prentice Hall Explorer series: Earth's Waters
Prentice Hall Explorer series: Environmental Science
Prentice Hall Explorer series: Motion, Forces, and Energy

Interactive Software

Prentice Hall CD-ROM'S

MAJOR TOPICS

I. Physical: Periodic Table of Elements, Melting and Boiling Points, Mass, Weight, Volume, Density, Sensitivity of Measurement Tools (e.g., rulers, graduated cylinders, balances), Motion, Newton's Laws, Forces, Distance vs. Time for Constant Speed, Forms and Transformation of Energy, Physical and Chemical Properties, Elements, Compounds, Mixtures and Pure Substances, Basic Atomic Structure, Molecular Theory and Models.

II. Earth & Space: Earth's Climate, Climatology, Seasons, Transfer of Heat, Layers, Physical Features, Contour Maps, Plate Tectonics, Rock Formation, Erosion, Weathering, Sedimentation. Theories on Earth's Evolution. Gravity, Lunar and Solar Eclipses, Phases of the Moon, Solar System, and Universe.

III. Life Science: Principles of Ecology, Ecosystems, Environmental Interactions, Classification and

Characteristics of Animals, Classification Systems, Needs of Living Things, Characteristics of Living and Non-living Things, Photosynthesis and Respiration, Adaptation, Speciation, Evolutionary Theories, Symbiosis, Competition, Selected Human Body Systems, Heredity, Sexual vs. Asexual Reproduction, Cell Function and Cell Theory, Hierarchical Structure of Multi-cellular Organisms, and Population Dynamics.

Topics are not necessarily listed in the order they will be taught.

***ASSESSMENT TOOLS**

Homework	Interdisciplinary activities
Quizzes/Tests	Open note tests and quizzes
Lab practical	Take home tests/writing assignments
Notebook check	Essays, Observations and Reflective Writing
Rubrics	Research Papers
Peer-graded	Presentations
Open ended questions	Projects
Teacher observations	Class Participation
Oral Presentations	Midterm Exam
In class performance/ participation	Final Exam

***See Individual Student Education Plans or 504 Plans for modification where applicable.**

DAILY EXPECTATIONS

1. Come to class prepared: science notebook (with three hole punch paper), textbook, and two writing utensils.
2. Be seated immediately upon entering the class.
3. SAFETY first. Keep hands, feet, and objects to yourself.
4. No disruptive behavior.
5. RESPECT: you, me, the school, and others.

GRADING POLICY

Homework 20% Labs and Activities 20%
Quizzes 20% Tests 40%

Students may be required to get a parent signature on tests and quizzes below 70%.

MAKEUP PROCEDURE

Students are responsible for missed assignments due to absenteeism and/or may make up any neglected assignments by following these procedures:

1. First, be proactive and visit <http://www.mrsbscience.com> to view the homework for the week and see what we are doing and what you may have missed.
2. Upon an absence please check with a reliable peer for missing notes and assignments.
3. Handouts can be picked up in the “What You Missed” bin.
4. If you have further questions, please see the teacher.
5. Late assignments as a result of absenteeism are due the day after you return.
6. Late assignments as a result of extended absences will be assigned an extended due date.
7. Late assignments due to negligence will result in a loss of 10 points per day.

GENERAL INFORMATION

Extra help will be offered after school most any day, or by appointment.

Students are encouraged to seek extra help prior to tests and quizzes particularly.

There are several ways for parents to communicate questions and concerns:

Leave a written note in my mailbox (located in the front office).

Contact me via the school phone.

By prearranged meetings.

Contact me at mrsb@mrsbscience.com

Parent night. ***Adjustments may be made in this syllabus to meet student needs.**