

Science 8 - Mr. Benchimol

Textbook:

A Physical Science text has been issued to each student and it stays at home. The Earth Science text will be issued in the spring. All materials are available at www.planbook.com (See bottom of page)

Course Topics:

Physics Topics

Chapter 1: The Nature of Science
Chapter 2: Physical Science Methods
Chapter 3: Moving Objects
Chapter 4: Acceleration and Momentum
Chapter 5: Energy
Chapter 6: Using Thermal Energy
Chapter 7: Machines
Chapter 21: Electricity
Chapter 22: Magnetism and Its Uses
Chapter 24: Radioactivity and Nuclear Energy
Chapter 25: Energy Sources

Chemistry Topics

Chapter 8: Solids, Liquids, and Gases
Chapter 9: Classification of Matter
Chapter 10: Atomic Structure and The Periodic Table
Chapter 11: Chemical Bonds
Chapter 12: Elements and Their Properties
Chapter 13: Organic and Biological Compounds
Chapter 15: Solutions
Chapter 16: Chemical Reactions
Chapter 17: Acids, Bases, and Salts

Earth Science Topics

Chapter 30: Minerals
Chapter 40: Rocks
Chapter 60: Weathering
Chapter 70: Erosion
Chapter 80: Lithosphere
Chapter 110: Plate Tectonics
Chapter 140: Atmosphere

Classroom:

We will use various tools of science to expand our understanding of our physical world. We will make use of technology (SMART board/Mimeo, Computers, internet) to help students reach their fullest potential.

Homework grades:

+1 means homework was completed well and on time, 1 point added to the lowest test grade.

+0 means homework was late or incomplete, 0 points added to the lowest test grade.

-1 means homework has not been handed in.

All homework can be resubmitted for a higher grade

Tests:

Given about every 2 weeks on the material in each chapter. Usually give 1 week advance notice. There are review questions in the back of each chapter for practice.

Quizzes:

Surprise quizzes are worth 20 points. Failed quizzes (less than 15) can be corrected for a maximum grade of 15/20.

Lab Activities:

Lab Activities are worth 20 points. Usually they are completed in class. Occasionally, they will be completed at home.

Participation:

Everyone starts with a 100 as a test grade and 5 points will be deducted for each infraction (late to class, no pen/pencil, no notebook, talking in class).

Extra Help:

I am usually available mornings (not Monday) after 7:30 AM, and can be available after school.

Contact:

You can call the school and leave a message for me to return your call or you can email me at mbenchim@eastmeadow.k12.ny.us

Course Objectives: (Attitude; Behavior; Skills)

1. Communication/Cooperation
2. Focus in the classroom/Involvement
3. Following directions
4. Listening
5. Organization
6. Quality work
7. Responsibility
8. Self-Esteem
9. Self-Motivation
10. Thinking

www.planbook.com

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