



7th Grade Science

Welcome to Mrs. Wojnarowski's Science class. This will be my 8th year teaching science and I'm excited to share this time with your child. Along with the curriculum, I will be introducing study techniques to help each individual become more successful in class. We will be concentrating on the areas of study in individual and small group activities. Please feel free to contact me at any time via email or phone with questions or concerns. I look forward to working together to help your child achieve his/her goals for the school year.

Cheryl Wojnarowski

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General Information

Notebooks

Each student will need a morning and an afternoon binder with a tab for science and science fair.

Homework Policy

Homework is due at the beginning of each class period. If homework is not turned in at this time it is considered late and will be accepted for reduced credit on the following day.

Homework Hotline

Students and parents are encouraged to use the homework hotline to check nightly assignments. To access this, call the school number after 2:45 and follow the directions for team 7C.

Supplies:

Students are expected to bring their book daily along with pens, pencils, highlighter and loose leaf paper.

Absent Work

All students are responsible for making up work upon returning from an absence. All assignments are written on the board and in the assignment book with guidelines for handing in work. I am available during the students lunch time for assistance if needed.

⇒ Grades should be checked on Parent Connect frequently for updates.

Course Description: A student-orientated curriculum with a hands-on approach to the physical, biological and earth sciences. This course encourages students to become scientists. Students will design experiments, predict outcomes, test hypothesis and draw conclusions from their own observations.

Texts: We are currently using a science series for grades 6-9 which is a modular series consisting of 15 textbooks published by Glencoe McGraw-Hill. Each grade level will cover five of the modules. The 7th grade books will be:

From Bacteria to Plants
The Nature of Matter
The Changing Surfaces of the Earth
The Air Around You
Animal Diversity

Science Curriculum:

- I. Scientific Method
 - a. Soybean Experiment
 - b. Science Project
- II. Bacteria to Plants
 - a. Plant Communication
 - b. Bacteria
 - c. Nonseed Plants/Algae
 - d. Seed Plants
 - e. Photosynthesis & Respiration
- III. Chemistry/The Nature of Matter
 - a. Model of the Atom
 - b. The Periodic Table
 - c. Compounds & Mixtures
 - d. States of Matter and Properties
 - e. Physical & Chemical Changes
- IV. The Changing Surfaces of the Earth
 - a. Fossils
 - b. Rock Layers
- V. The Air Around You
 - a. El Nino and La Nina
 - b. Greenhouse Effect & Global Warming
- VI. Invertebrates
 - a. Animal Adaptation & Classification
 - b. Study of the Eight Largest Invertebrate Phyla
 1. Dissection: Earthworm & Crayfish
 2. Power Point Presentations