



SCIENCE

**Ms.
Burton
Team 8-5**

Welcome to science class! My name is Cathy Burton. I have been teaching middle school science for the past 10 years. I have a B.S. in early childhood education from the University of California, Davis and a M.Ed. from Miami University. I live in the village of St. Martin, which is located in beautiful Brown County, Ohio. My goal is to create an interactive classroom experience where all students will foster knowledge and an appreciation for scientific concepts.

By the end of the course you will have studied a wide variety of scientific topics. You will develop a better understanding of the natural world, the nature of science, the development of science processes, the principles of science, and the connections between various scientific areas. You will be able to use appropriate scientific processes and principles in making personal decisions.

Required Materials

1. Writing utensils (pens, pencils, highlighters)
2. Calculator
3. Binder with @ least 4 dividers
4. Science Textbook (when applicable)
 - a. Online Version: <http://www.phsuccessnet.com>

Course Schedule

Areas of study include: Experimental Design, Method, Safety, Measurement, Tools of Science, Astronomy, Cells and Heredity, Inside Earth, Earth's Surface, Forces, Motion, Light, and Sound, all with an emphasis on scientific ways of knowing, technology, and inquiry.

Science Classroom Expectations

1. Listen to Directions! Following directions is a very important part of science class! Write down examples, helpful hints, definitions, etc. that we go over as a class before an activity. This will help you process the information better, as well as give you something to look back on when you are doing the activity or homework.
2. Ask Questions! Perhaps the most important thing you can do is asking for help when you don't understand something. Rule: Ask you lab partner or group members before you ask me. You are all smarter than you think you are. Remember: There is no such thing as a stupid question!
3. Always Try! Always attempt to answer a question or solve a problem even when you are having trouble. Remember: Sometimes there is more than one right answer or procedure.

Grading

A variety of assessments will be used throughout the school year. Assignments (homework, quizzes, tests, reports and projects) will be evaluated using a standard 4.0 rubric, which students will be given in advance. Final tests, Projects and Lab Reports (one per quarter) will be weighted more heavily than homework and quizzes. Students will be presented with many opportunities to demonstrate mastery of the objectives stated for each unit of study.

Contact Information

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I am looking forward to a very productive and rewarding year!

