

Mr. Lieb

Blacklick Valley

8th Grade:

Objective

In this class students will be exposed to and gain knowledge of a myriad of topics ranging from: Nature of Science, Life Science, Physical Science and Earth & Space Science. The curriculum for the year follows the Pennsylvania state standards for eligible content in 8th grade Science. These are the standards and content used for creating the PSSA Science Test. Instructional practices will include methods that encourage students to think critically and analytically while preparing them for the questions they will encounter on the PSSA Test. These same practices and curriculum will also help prepare them for higher level courses. The activities in the curriculum will include (but is not limited to) projects, mini projects, hand-on experiments, and lab reports.

Curriculum

The curriculum given in this syllabus is the basic content for the school year. Specific dates and timelines of each concept are not given because coverage of material will vary from class to class and also depends on students' mastery of concepts.

August	Nature of Science Review Atmosphere Weather Patterns and Seasons (rotation & revolution),
September	moon phases
October	Matter - Conservation of mass and ENERGY
November	Producers. Consumers, Decomposers
December	- coefficients, subscripts, Periodic Table
January	Cell & Genetics
February	Communities - Flow of Energy
March	Kinetic & Potential Energy & Work
April	Tectonics, Density
May	Earthquakes & Volcanoes history of evolution

Textbook:— Science Glencoe -- There will only be a **CLASSROOM SET** of textbooks. Students will be responsible for the numbered book assigned to them at the beginning of the year.

Classroom Expectations & Procedures

Our class will follow the expectations put in place by the schools, which are listed in the student handbook.

1. **Respect**
2. Class time will be spent on assigned science tasks **only**.
3. **Absolutely** no cell phones should be in sight in the classroom. Cell phones and other electronics should be turned off and kept in locker or bag.
 - a. After first offense I will confiscate device and it shall be returned at the end of the day.
 - b. After second offense device will be sent to the office.

CLASS PROCEDURE

1. Everyday when you enter the classroom you will see a “Bellringer” on the board and/or projector. You will be expected to find your seat promptly and begin work on the short assignment.
2. If you miss a quiz and/or test due to absence I will remind you **ONE** time and try and schedule a make-up time. If you fail to come to the schedule make-up time a zero will be placed in the gradebook. It is then the responsibility of the student to makeup the test or quiz. The test/quiz will then be counted as a late and will follow the grading procedure listed under the homework policy.
3. **Homework:** Completing all assignments is essential to success in science. Reading, writing, problem solving, laboratory work, and note taking are all important parts of the learning process. Many of our assignments will be completed in class so that we are able to collaborate and so that students will have the opportunity to ask questions. However, eighth grade is an important time to build independent learning, studying, and organizational skills in preparation for high school academic work. Homework will provide extra practice and reinforcement of concepts first learning during class.

HOMEWORK POLICY

- All homework assignments will be collected at the beginning of class. After the start of class it will be considered late.

Grading Scale for late homework

You will receive 10% off for each day your assignment is late. If you are late more than one week you will receive a zero.

Cheating:

Have pride in your own work. Cheating will be handled according to the student handbook. Copying class work is considered to be cheating. The distinction between sharing lab data and copying will be clarified for students.

Restrooms use/leaving the classroom:

Students are encouraged to use the restroom in between periods. A student may drop their books off in Mrs. Templeton's classroom and then ASK to go to the restroom without being counted tardy. Students will lose this privilege if they abuse it.

If a student has to leave during class time they will fill out the sign-out sheet and LEAVE THEIR CELL PHONE ON THE SIGN-OUT SHEET. Date/ Time/ Destination.

Experiments and Lab Safety

In order for students to fully experience Science, we will have several experiments throughout the course of the year. On these days,

- Long hair should be tied back.
- Students must wear goggles.
- Students must adhere closely to lab safety procedures.

Grading Scale:

A= 100-93 B= 92-85 C= 84-77 D= 76-70 F= below 69

Contact Info:

Phone extension: 213

Email: Jacob.lieb@bvsd.k12.pa.us

PARENTS: PLEASE DETACH THIS PAGE, SIGN, AND SEND WITH YOUR CHILD TO
ACKNOWLEDGE THAT BOTH PARENT AND STUDENT HAVE READ THE SYLLABUS.

Student Name Printed: _____

Parent Name Printed: _____

Parent Signature: _____