

Class WEBSITE: <http://orgillscience.yolasite.com>

Please visit this website for the following information:

- Announcements
- Daily Science Journal Entries
- Directions for looking at grades on-line
- More detailed course disclosure
- Copies of assignments
- Tentative Schedule
- Additional websites used in class
- Mrs. Orgill's email: [abbyjane.orgill@besd.net](mailto:abbyjane.orgill@besd.net);
- Due Dates
- Ways to make up work

**Course Description:** --The main focus of Integrated Science is "Changes in Our World" through the process of ENERGY. Students will use inquiry, scientific process and discussion to discover different scientific principles. Topics covered in class are dictated by the Utah science core curriculum for Integrated Science.

**Textbook:** Students will also study from McDougal Littell Science: Ecology, Motion and Force, Matter and Energy, The Changing Earth, and Earth's Surface. Other various texts will be used and can be found on my website. The text is a collection of helpful information I have obtained from workshops, internet, or personal experience. All additional text is directly related to science and has been selected carefully for its ability to describe concepts in 8<sup>th</sup> grade Integrated Science. Textbooks can be checked out of the class with teacher permission if needed. Any students who check out a textbook and does not return or who returns a damaged textbook will be charged \$60.

**Required Student Supplied Materials: \*\*\*Stay organized to be successful in class\*\*\***

- Notebook (to be used ONLY for science. Specifically for all labs, scientific inquiry, journals, notes etc.)
- A 3 ring Binder or a Science Folder (to be used ONLY for science. Specifically to hold all assignments )
- Pencils with erasers
- Pens (no yellows, oranges, or other hard to see colors!)

***If any of these materials are needed, please talk with me so I can help you get these materials.***

**Grading:** Students will be given a grade based on the following scale:

A 93-100	B+ 87-91.9	B- 80-82.9	C 73-76.9	D+ 67-69.9	D- 60-62.9
A- 92.9-90	B 83-86.9	C+ 77-79.9	C- 70-72.9	D 63-66.9	F 59.9 and lower

The grades will be divided by assessments and assignments. Assessments will be 60% of the grade and include tests, quizzes, lab write ups, & projects. Class work or homework (which are packets & journal entries) will be 40% of the grade. It may change slightly because I do not weight categories (test, journals, assignments, etc.) in my gradebook.

**Academic Honesty:** -- Grades are based on your knowledge in the class. Anyone suspected of cheating or not completing his/her own work will be given a zero.

**Making up Missed Assignments:** --- All make up work can be done on our class website underneath a key for each packet/assignment. Sometimes directions are given in an assignment that requires students to visit other weblinks to make up an assignment. If a person is absent on the day an assignment is due, they have 5 days to make up that packet. After that time make up work will only be accepted if a student fills out remediation questions on their own that covers the concepts in that packet. This helps me know that you understand the material that is being turned in. Tests and assignments can be made up at any time, but there is a cut-off date at the end of the trimester that no late work is accepted. Tests can only be retaken up to three times and must be done before or after school 7:20-7:40 am or 2:40-3 pm.

**Tardies and Unverified Absences:**

When students have 2 tardies or unverified absences they will receive a Satisfactory (S) in citizenship. If students have 4 tardies or unverified absences they will receive a Needs Improvement (N) in citizenship. If students have 6 tardies or unverified absences they will receive an Unacceptable (U) in citizenship. I do want students to change their behavior. If students drastically change their attendance and come to class on time, then citizenship will be adjusted. All absences need to be called in parents or they become truant or unverified absences. Citizenship is also affected by classroom behavior.

## **Movies/Media shown in 8<sup>th</sup> grade science (Both A & B) trimesters.**

A new movie policy says that we need to have movies that we could watch be on our class syllabus.

The list of movies is just a comprehensive list that might be shown and spans throughout the entire school year for all three trimesters of science. (We do a lot more labs and science activities than we do movies). I wanted to clarify though that I make sure that all clips and movies shown in class have appropriate content just as a "G" rating show would. A handful of the movies we watch in class are Not Rated but they are completely educationally based, tied to the 8<sup>th</sup> grade science curriculum, and have "G" rating content. We do not watch all movies or clips, and most of the movies are not shown in their entirety. In addition, I am careful that if a video clip from youtube is played, that I pull it up on my teacher screen first, get rid of any inappropriate ads, and then drag the video clip on to an extended screen that is then projected to the students, that way students do not inadvertently see anything that could be considered inappropriate.

Having that in mind, School Board Policy 4185, states that parents have the right to withhold their students from viewing any movie. If there is any digital media you would like to not have your student participate in, please contact me ([AbbyJane.Orgill@besd.net](mailto:AbbyJane.Orgill@besd.net) or the school phone # 734-4880) and I will have an alternate learning activity that they can accomplish that covers the topic.

### **Discovering Simple Machines Compound Machines**

Earth Science Earthquakes

Elements of Physics Motion Force and Gravity

Elements of Physics Waves Sound and

Electromagnetism

Landing on the Moon July 20 1969

Natural Disasters

Natural Phenomena Rocks Fossils and Earth History

Carbohydrates and Fat Fueling the Body

Connected Systems Biodiversity Ecosystems and Ecology

Converting Food to Energy

Ecology and energy flow

Food Chains and Webs

Living Together biological relationships

Elements of Physics Matter Atoms and Molecules

Greatest Inventions with Bill Nye The Science of Materials

Planet Earth Series (BBC)

Earth Science Rocks and Minerals

Elements of Physics Energy Work and Power

Science Investigations Earth Science Investigating the Earth's Formations

Volcanoes Mountains of Fire

Elements of Physics Light Optics and Electricity

Particles Waving The Dual Nature of Light and Matter

Bill Nye: Measurement

Hunting the Elements (PBS published: NOVA)

Trials of Life series: David Attenborough (BBC)

Human Planet (BBC)

Life (BBC)

Making Stuff (PBS)

Earth in Action series (Visual Learning Company)

Blue Planet (BBC)

### **YouTube**

Physical and Chemical Changes

Conservation of Mass

### **Accommodations:**

I will do my very best to follow all accommodations from IEPs, 504s, and ESL documents. If your student needs an accommodation not specified through one of these documents, please let me know via email or phone. It is very helpful if I know if there are any allergic reactions that I need to be aware of. Please contact me if accommodations are not being followed in the way that your child needs.

### **Volunteer Help Needed**

We recently lost funding for some of our aids who helped read tests to students who need or like that accommodation. If you would like to volunteer to read a test (you can check our calendar at the class website) please let me know. We would love to get all the help we can get. If I do not receive help on test days I plan to read tests to the entire class if there is a student in that class who needs the test read to them.

### **Conservation of Atoms**

Matter and Energy Flow in Organisms

Cycles of Matter & Energy Transfer

Gases, Liquids, Solids - Going Through Phases (excerpt)

What is Ecological Overshoot?

The Limits to Growth- is the prediction of 1972 going to happen?

Climate Change: Lines of Evidence

Climate Change and Extreme Weather: Prof. Jennifer Francis

Earth's History in the Last 600 million years

Mount Saint Helens Recreation

A brief introduction to minerals

Mineral Characteristics

How To Know About Sedimentary Rocks

How To Know About Igneous Rocks

How To Know About Metamorphic Rocks

Weathering, Erosion, and Deposition

25 Strangest Geological Formations On Earth

25 Strangest Prehistoric Creatures To Roam The Earth

The History of the Universe in 10 minutes

National Geographic: The Story of Earth (link)

ESS1C-The History of the Earth Bozeman Science

The Origin of Life - Scientific Evidence

Gravity on Different Planets

The Observable Universe

Star Size Comparison

Felix Jumps at 128k feet!

Travel Inside a Black Hole

What does Sound look like?

Supersonic Flight and Sonic Boom

Tchaikovsky's "Dance of the Sugar Plum Fairy" played on a glass harp

Spectrum of Stars

OK-GO This too shall pass Rube Goldberg

Honda Commercial Rube Goldberg

The Athlete Machine-Red Bull Kluge

MythBusters Rube Goldberg Machine

Share a Coke - Rube Goldberg

Purdue Rube Goldberg Machine claims Guinness World Record

The World's Most Elaborate Rube Goldberg

Learning Environment Goals in science: *"We will be guided into owning and solving any problems we create."*

Rules in Class:

1. We will RESPECT EVERYONE in the class. We do not cause a problem for ourselves and others.
2. All Box Elder Middle school-wide rules will be enforced and followed including tardies, absences, dress code, hall passes, safe school policies, etc. Pay attention that cell phones, hats, i-pods, are not allowed in the classroom and will be confiscated.
3. Provide an atmosphere where we can learn together as a community. DO NOT TALK while Mrs. Orgill is talking or if others in class are talking.

Consequences:

1. We will solve our own problems.
2. If we cannot solve our own problems, we will have consequences that will help us solve these problems.

**Email or Phone:** I believe that parent/guardian and teacher contact is essential. I would prefer to contact parents/guardians primarily through email. I am therefore asking all parents/guardians to include an email that will be checked frequently if possible as well as the best phone number to contact guardians. I try to send out emails for updates in class. Parents/guardians can also log on and print off any grade reports at the following website: <http://studentinfo.besd.net> Additional info should be provided by the school to log on etc. If you need to contact me at any time, please feel free to call or email me with any questions or concerns. My email address is [AbbyJane.Orgill@besd.net](mailto:AbbyJane.Orgill@besd.net) or call the school phone 734-4880 to speak with me directly at ext. 47

## **Classroom Procedures:**

### **1<sup>st</sup> of Class:**

Everyday we will start the day immediately when the bell rings with a \_\_\_\_\_. We will only take \_\_\_\_\_ minutes or less to complete it, after which time we will correct. If it is not completed in this time, it must be done at home via the class website. All students need to begin working on these as soon as you come into class. These first two minutes is also the time to make sure that all materials are ready before the class starts, such as sharpening pencils etc.

Students are considered tardy if \_\_\_\_\_ when the bell rings or not \_\_\_\_\_ while entering or in the classroom. If students are in the hall when the bell rings it is a tardy no matter what.

### **Assignments:**

Assignments need to be turned in the designated tray on time. There are 4 main spots for homework to go:

1. \_\_\_\_\_ **Assignments:** Assignments turned in on time. (each hour has a tray). If it is late, please write "Late" on the paper. If you were absent that day and so it is late, please write "Absent" on your work.
2. \_\_\_\_\_ **Assignments:** Assignments that have been corrected that need to be passed back to the class. (each hour has a tray)
3. \_\_\_\_\_: any work that I receive with a no name will simply be turned in to this tray. If you do not receive a score for an assignment and you believe you've handed it in, check this location. (One tray for the whole class.)

### **During Lectures, Presentations, and Group Work:**

If someone is talking, you \_\_\_\_\_ over them and actively listen to the presentation. If students are working on an assignment in their group they need to \_\_\_\_\_ with the group and actively \_\_\_\_\_ to the assigned task. Do not wander around and waste time in class.

### **End of Class:**

Students need to work until the end of class and will have the \_\_\_\_\_ in class to pack up. All students will be in their assigned seats when the bell rings and if needed must wait for teacher dismissal. Students will never be let out early.

Please sign as both Student and Guardian for understanding the above Syllabus AND the Class Procedures from the following pages

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Parent Signature (& email & phone)

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Student Signature

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Date