

Welcome to 7 Grade Science with Mrs. Busby!

Curriculum and Teaching Philosophy: In Science we will explore and learn about the natural world around us. As we do this,

- ★ *May your understanding and appreciation of science and our home Planet Earth increase,*



- ★ *May you add new “tools to your toolbox” so you will be more prepared to think critically, be creative, and collaborate with others respectfully and responsibly,*



- ★ *May you get to know yourself and your peers better. Each one of us is unique and brings gifts to our classroom. Together we will make this year a great year!*



We will use the OpenSciEd instructional approach. Each unit has been designed using a science storyline. Students, your goal will be to explain a phenomenon and/or solve a problem. Rather than have the explanation or solution given to you, you will use science and engineering practices to develop your own explanation or solution piece by piece! The evidence we collect over the course of each unit will be driven by your ideas and questions. We will work collaboratively and equitably. This way of learning will help you, students understand not only what but also why you are doing what you are doing each day in science class.

Units Covered:

- ☐ Chemical Reactions and Matter
- ☐ Metabolic Reactions
- ☐ Matter Cycling and Photosynthesis
- ☐ Ecosystem Dynamics
- ☐ Natural Resources and Human Impact
- ☐ Chemical Reactions and Energy

Assignments and Grades:

Assignment instructions, links and resources will be posted on-line on Google classroom. Most of the learning opportunities will involve collaborating with others in class. Learning to work collaboratively with respect and compassion empowers the community as well as the individuals in the community! Graded assignments will be posted in Power School.

Supplies needed + classroom expectations:

See AND read the back side.

Contact Info:

Please feel free to contact me if you have questions or concerns about science class.

Email: abusby@usd497.org

Webex personal meeting room:

<https://usd497.webex.com/meet/abusby>

School phone: 785/330-1718

Cell phone: 785/766-7846

Student and Parent Signatures:

Students, please read this newsletter with your parents/guardian and return it signed by you and your parent/guardian.

Parents, please use this space to write down any thoughts you want to share with me after reading the this newsletter AND your signature, too.

Thank you!

BMMS Expectations:

Be respectful

Be responsible

Give your best effort



In science class, respect means:

- Be present.
- Take turns.
- Listen to yourself and others with an open mind. Agree to disagree.
- Use appropriate language/tone in class.
- Follow directions the first time they are given.
- Use all classroom resources (living and non-living) respectfully and wisely.

In science class, best effort means:

- Set learning goals, work to achieve your goals, take advantage of learning opportunities,
- allow yourself to make and learn from mistakes,
- celebrate your learning successes!



In science class, responsibility means:

- Be in class on time. Get right to the bell work at the start of class.
- Come with you required supplies (see list to the right).
- Be safe, exercise caution and use good judgment when conducting a lab activity.
- Keep your science notebook organized and up to date with assignments. If you don't finish in class, finish after school. Get help if you need it! Ask Mrs. B or a friend for help after school!

Supplies Needed for Science Class

- ☐ Charged iPad
- ☐ Composition notebook to use as your SNB (science notebook). A single subject spiral notebook or a pronged folder with notebook paper also may be used as a SNB.
- ☐ Pencils
- ☐ Colored pencils
- ☐ Highlighter
- ☐ Ruler
- ☐ Glue stick and/or tape
- ☐ Scissors
- ☐ 3-Ring binder