**7th Grade Science Syllabus**

**2020-2021**

**Mrs. Bodnar**

**Together we will explore and discover the way things work and why.**

*“Equipped with our five senses, we explore the universe around us and call the adventure ‘science’.” -Edwin Powel Hubble*

**Course Description**

Science is everywhere. Science is life. Look around you – there is something scientific behind everything you see happening. As ***scholar scientists***, we are going to explore the different ways science applies in our lives and the everyday world. We are going to question the earth and universe around us - the way things work and why. Scientific understandings are constantly changing, and new scientific discoveries are happening all the time. Scientists have made incredible and life changing inventions, but there are still millions of mysteries out there to be discovered by young scholar scientists like you. **This year we will explore the following units:**

1. **Scientific inquiry, process, and analysis skills**
2. **Living Organisms: bacteria, protists, plant and animal cells, human body systems**
3. **Genetics**
4. **Ecology and Biomes**

**Classroom Core Values**

* **Humanity**: ***“I am what I am because of who we all are”.*** We are a community and we treat each other with kindness and respect. We support and celebrate each other.
* **Self-direction, Responsibility, Hard Work:** We are motivated and always give our best. We are always seeking more to explore and discover. We persevere, persist, and never give up.
* **Curiosity:** We live life with a curiosity about the world around us. We explore the way things work and why.

### Classroom Rules

**Listen with your eyes, ears, and attention.**

**Enter and exit prepared.**

**Always do your best.**

**Respect *yourself, your peers, the teacher, the classroom, and the school.***

**NO EXCUSES.**

**Consequences:**

* **Positive Behavior Schoolwide Discipline**
* ***Keep a small problem small!*** Warnings are opportunities to turn your behavior around!

**Systems and Procedures**

**Entering the classroom**

You will enter with a ***positive attitude***. You will be ***respectful*** and ***responsible,*** and ***ready to learn and work hard***. Every day is a fresh start.

1. Make eye contact, enter with a pleasant greeting.
2. Enter the classroom ***calmly*** and ***quietly*** find your seat.
3. Take out your Science notebooks, begin today’s activities.
4. Get started on the **Warm Up!**

**Exiting the Classroom: *You are dismissed by teacher- not by the bell!***

1. When given the word by teacher - clean up your spaces and put away your materials from the day. Your area must be clean and organized before you leave!!
2. When you are dismissed, put your notebooks away. Put ALL class work in your folder and exit tickets on the Exit Ticket Wall.. Be sure that you have the night’s homework.
3. Exit the classroom on a positive note! Have a wonderful rest of your day!

**Daily Class Work and Expectations**

***-WORK HARD – GET SMART – NO EXCUSES-***

Every day, you are responsible for:

1. **Warm Up (Bell Ringer):** This is independent and silent. Be thoughtful and creative - don’t worry about being right or wrong!
2. **Note Taking:** It is important that you take excellent class notes which are usually written in a graphic organizer. All classwork, homework and other assignments must be keep them well organized in your science notebooks. You will need these notes for projects, to study for quizzes & tests and to study.
3. **Daily Class Work and Participation:** This is the main activity of the day. It will be a mix of readings and comprehension questions, science labs, activities, demos, computer activities, webquests, and projects.
4. **Daily Exit Ticket:** Usually you will have an exit ticket to assess your understanding of the key learning objectives.
5. **Homework:** Expect to study nightly!

**Make-up work**

When a student misses class it is **his/her responsibility** to complete absent work. **Until make-up work is completed, the assignment is missing and reflects as a zero.**

**Whole Class Active Participation**

In whole class learning it is expected that everyone is actively listening and participating. This means eyes, ears, and attention on the speaker. Always raise your hand and wait to be called on to speak.

**Independent Work**

There will be independent work writing and reading assignments, activities, and projects. We learn by processing and reflecting upon things on our own, without the pressure of others.

**Early Finishers**

***We are never done learning, working hard, and pursuing new knowledge!***

1. Study weekly concepts
2. Choose an extra credit project

**Grading policies and Expectations**

**Grading:** I do not give grades – they are earned. Assignments are due when they are due. It is each students’ responsibility to complete their work on time and to their best ability.

Formative 40%

Summative 60%

*Students, I believe in you!*

*Let’s work together to make this a great year in 7th grade Science.*

*We are a family – we are in this together.*

 *We will support one another to learn and grow together and achieve our goals.*

*Work Hard – Get Smart – No Excuses!*

*Mrs. Bodnar*

**Please signto verify that you have read and agree with all parts of our Science syllabus. Please contact me with any questions or concerns. Thank you.**

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**Student Signature Print Name**

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**Parent Signature Date**