**Mrs. Smith**- **7th Grade Science Syllabus**

**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*

**E-mail: carrie.smith@lisbonk12.oh.us Planning Period**: 8:54-9:40

**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: (Not in any particular order)**

**Scientific inquiry and application: process, and analysis skills**

**Physical Science: Energy: Conservation, Transfer, Transformations, Forces and Motion**

**Earth and Space Science: Weather, the atmosphere, and Earth cycles**

**Life Science: Living Organisms: bacteria, protist, plant and animal cells, and genetics**

**Classroom Core Values**

* **Teamwork**: 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. “Be curious, not **judgmental.” “Be curious. Wonder awhile, listen, allow yourself to not know. Not judgmental. Not “I know what this means”, not imagining the worst, not coming to hasty conclusions.” Be here, not there. Be now, not then. Be curious, not judgmental! -*Walt Whitman***

**Consequences:**

**My policy** (2 Verbal warnings 🡪then ask to Chill out in hall, conversation, Possible parent contact 🡪 sent to Mr. Bing) (PBIS) whole school rules and Jolly Rancher Wars in the classroom which is the following below:

They earn points for:

1. Coming in quietly and immediately starting on their bell ringer
2. Perfect call & responses (They are loud, say it all together, and then immediately silent afterwards so I can give instructions)
3. Quiet work time
4. On task work time
5. Positive sub report

They lose points for:

1. Being too loud as a class
2. Being off task
3. Arguing
4. Negative sub report
5. Not following rules

**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 in ***Mrs. Smith***’s classroom. I will say, “Be” and the students will say, “Curious”

1. Make eye contact with ***Mrs. Smith*** and acknowledge me with a pleasant greeting ☺
2. Enter the classroom ***calmly*** and ***quietly*** find your seat.
3. Take your **homework** out to be checked and turned in on the day it’s due and start bell ringer.
4. Take out your science notebooks, today’s activities, and anything else ***Mrs. Smith*** has asked you to have.
5. Keep up on Google Classroom work daily!

**Exiting the Classroom: *You are dismissed by Mrs. Smith-- not by the bell!***

1. When Mrs. Smith gives you the words, “Science Rocks”- clean up your spaces and put away your materials from the day. Your area must be clean and organized before you leave!!
2. Exit the class on a positive note! Have a wonderful rest of your day! I say, “Have a nice day” and Students say, “Scholars Out!”

**Daily Class work and Expectations**

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

Everyday, you are responsible for:

1. **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 and keep them well organized in your science notebooks. You will need these notes for projects, to study for quizzes & tests.
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 and projects.
4. **Daily Exit Ticket:** Occasionally, you will have an exit ticket to assess your understanding of the key learning objectives.
5. **Homework:** Expect homework at least 1 or 2 days a week. Most of your homework grade is based on completion and effort, so GIVE IT YOUR BEST.

**Make up work**

When a student misses class it is **his/her responsibility** to figure out the work that needs to be made up. You can ask your peers for class notes and ask Mrs. Smith for make-up classwork. Most of your missed work will be in your classroom file stacker, however, we get busy and may forget to provide you with everything, **until, make-up work is completed, and it is a 0.**

**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**

We will be starting off the year with a great deal of independent work until as a class we can prove that we are ready to do more interactive group 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.

**Group Work**

**Give thoughtful feedback.**

**Respect others’ ideas.**

**On task.**

**Use quiet voices.**

**Participate actively**

**Stay with your group.**

**Early Finishers**

***You may not put your head down and rest.*** ***We are never done learning, working hard, and pursuing new knowledge!***

1. Start your homework
2. Choose a google classroom assignment or extra credit project
3. Go to the classroom library and choose a book or an article and an activity to do with your article/book

**Grading Policies and Expectations**

**Grading:** I don't give grades – they are earned. Assignments are due when they are due. It is each student’s responsibility to complete their work on time and to their best ability.

Class work/Participation/Google Assignments/Labs 40%

Assessments 30%

Projects 20%

Homework 10%

**Students,**

**I believe in you! Let’s work together to make this a great year in 7th grade Science. We are family – we are in this together. We will support one another to learn and grow together and achieve our wildest goals. Work Hard – Get Smart – No Excuses!**

**-Mrs. Smith**