

7th Grade Honors Science Syllabus

Mrs. Horn

Course Overview

- This 7th grade honors science course will cover the key science concepts as outlined in the Oklahoma Academic Standards for Science. The course is separated into three major topics. These topics are Life Science, Physical Science, and Earth/Space Science.
- The main goal of this course is to develop an understanding of modern science and technology through experimentation and inquiry. Students will participate in labs and projects that will develop the following skills: writing, math, inquiry, time management, cooperation, and presentation skills.
- Students in honors science will be expected to think critically to solve problems. They will use these critical thinking skills when solving word problems related to density and metrics conversions. Higher level writing skills will also be expected of the students.

Requirements

Students in honors science will be required to complete a science fair project and compete in the Hilldale Middle School Science Fair, Muskogee Regional Science Fair, and State Science Fair. Students will only compete at the regional and state fair if they qualify.

Science Fair

Communication

Communication is vital to help students succeed. Email is a great way to stay in touch. I check my email often, and can often respond promptly. My email address is ahorn@hilldaleps.org. You may also want to sign up for my text reminders from Remind.

To sign up for Remind text reminders:
Text @hilldale to 81010



Classroom Webpage

Study guides, unit vocabulary, and science fair information can be found on my webpage.

Directions for finding my classroom webpage: Go to the Hilldale Public Schools website. Place your cursor on the "Middle School" tab, then click on "Staff." Click on my name (Amber Horn) and you will be sent to my webpage.

Curriculum

The following is a list of units that will be covered.

- | | |
|-------------------------------|----------------------------|
| 1. Scientific Processes * | 9. The Solar System |
| 2. Plants | 10. The Atmosphere |
| 3. Animal Life Processes * | 11. Weather |
| 4. Controlling Body Processes | 12. Climate |
| 5. Genetics | 13. Introduction to Matter |
| 6. DNA | 14. Atoms and Bonding * |
| 7. Change Over Time | |
| 8. Earth, Moon, and Sun | |

* Honors science will cover extra topics in these units that are not covered in the general science class.

Class Supplies



1. Pencils
2. One 3-subject spiral notebook and/or notebook paper
3. One box of tissues

Grading Process



Grades will be calculated on a points system. Each unit test will be approximately 50 points. Quizzes, assignments, labs, notebook grades, and required projects will be at the discretion of the teacher and points will vary.

Assignment Information and Due Dates

Google Classroom is the hub for all of the information you will need for my class. You will find assignments, presentations over new material, and vocabulary on Google Classroom. The Google Calendar found on Google Classroom will list all due dates for assignments. Those due dates are also found on Google Classroom as well.

Student Grades and Lesson Plans



Student grades and lesson plans are available through the parent portal with a student password assigned by the office. This is very helpful in keeping track of assignments your student is turning in, the grades they are making in class, and my lesson plans.

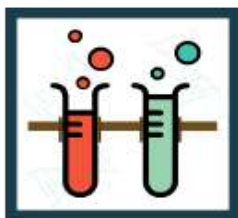


Class Expectations

1. **Respect yourself, your peers, your teacher, and your surroundings.**
2. **Raise your hand silently to speak.**
3. **Raise your hand for permission to leave your seat.**
4. **Follow all directions quickly the first time they are given.**

Class Policies

1. Students are expected to enter the classroom respectfully and be ready to begin the bell activity.
2. Students must bring all materials to class daily and Chromebooks must be fully charged at the beginning of each school day.
3. Late Work Policy:
 - * The first day an assignment is late a zero will be assigned.
4. Makeup Work Policy:
 - * Students are responsible for all information given in class or virtually.
 - * If a student is absent, it is their responsibility to get any missed assignments (bell activities, class notes, etc...) by checking and completing assignments through Google Classroom.
 - * Time outside of class will likely be needed to complete the work.
 - * Students will be given the allotted days as stated in the school handbook to make up any missing work.
 - * If a test or quiz is missed, arrangements must be made with me to take it before or after school.
5. Homework assignments are always due at the beginning of the class hour.
6. If a student needs help with a homework assignment, I am available before school for extra help.
7. Food and/or drinks are not allowed in the classroom. This includes gum and candy.
8. Cell phones must be turned off and out of sight.
9. Behavior and lack of preparation problems will be dealt with in the form of teacher intervention, emails or calls to parents/guardians, detention, and/or office referrals.
10. Detention for my class will be offered before school.



"It's not where you start, its where you end up. You haven't failed until you've stopped trying."
-Unknown

