

7th Grade Science 2017-2018

Welcome to Mrs. Reese's science class. I want every student to be successful and exceed my expectations, but first, I want to make sure that you understand exactly what I expect of you this year.

THE GOALS OF MRS. REESE'S 7th GRADE SCIENCE CLASS:

1. To discover an appreciation of the natural world.
2. To promote a positive social impact through scientific inquiry.
3. To learn and improve the skills and knowledge needed for scientific inquiry.
4. To grow and mature in the ability to do Science and to think scientifically.
5. To learn and practice courtesy, cooperation, responsibility, respect, honesty and integrity.
6. To be successful and productive learners and better members of our school and society.

Mrs. Reese's Expectations

1. **Be courteous, respectful, honest, and responsible.**
2. **Be On Time:** Make sure you are on time for class and that your assignments are turned in on time. School policy states that 3 tardies will result in a detention, and you may also miss important directions or information if you are late.
3. Your assignments should also be on time.
 - i. A daily assignment that is turned in late will receive 80% credit. If the late assignment is to be graded in class that day and discussed it will receive a zero.
 - ii. Major projects that are turned in late will result in a 10% penalty.
 - iii. Band lessons and field trips do not mean you are excused from the class work that day. You will still be responsible for checking with your teachers and getting any missing assignments BEFORE your band lesson. Any late work as a result will result in grade reductions.
 - iv. Consequences for missing assignments can include: late slip being sent home, detention, parent conference, missing school activities like pep assemblies and field trips, or in-school suspension. Consequences are handled on a case-by-case basis.
4. **Be Safe!!!** Follow all school safety rules and be especially careful during laboratory activities.
5. **Be Prepared:** Make sure you have all your materials and assignments necessary for science class.
6. **Be Organized:** Keep a neat science notebook and folder. Write all assignments in your assignment notebook immediately.
7. **Be Successful:** Do your best work at all times.

Required Materials * Indicates materials which should come to class everyday.

1. Folder or Binder*
2. Pens and Pencils (Include 1 red pen for self-grading)*
3. Colored Pencils
4. Charged Chromebook*
5. Calculator



Absences

You are responsible for making up the work you miss due to an absence. You can find out the assignment you missed by checking my blog (<http://mrsjreese.weebly.com/>). You can also find out what you missed by checking the “while you were out” binder, which will contain any handouts and information you missed.

Assessments and Homework

We will complete many different types of assessments in science this year including tests, quizzes, lab reports, presentations, group projects, etc... The variety of assignments will allow each of you to showcase your strengths and improve your weaknesses.

Homework will be worth fewer points than tests, and projects, however there will be numerous homework assignments throughout the trimester. Homework is a great way to help your grade if it is completed on time and is high quality.

Late homework assignments will be deducted 20% while late long term homework assignments will receive a 10% penalty.

Grading Procedures

Grades will be based on the total number of points accumulated throughout the trimester. Daily work and quizzes will be worth fewer points than tests, lab reports, and projects.

To calculate your final grades at any time simply add the total number of points you have earned by the total number of points possible. (Example $345/355$ points = 97% A)

I will expect each of you to monitor your grades in the on-line parent portal. This will mean knowing your user ID and password. You and your parents will share the same ID and password.

Contact Information

Please feel free to call me with any questions at 847-990-4175 or through e-mail at reesej@hawthorn73.org and check my blog for homework assignments, extra copies of handouts, and helpful videos. My blog is updated on a daily basis.

<http://mrsjreese.weebly.com/>

Guidelines for a Successful Science Classroom

I want all of you to be successful in science class this year. A science lab can be a lot of fun and a great learning experience, but because we use more equipment and materials than most classes, it is important to always be conscientious and on your best behavior.

Rules and Consequences

1. Respect this learning environment, your teacher, your peers and yourself.
2. Listen and follow directions.
3. Raise your hand before speaking or leaving your seat.
4. Keep hands, feet and objects to yourself.

Textbooks

We will be using McGraw-Hill Earth Science and Life Science Textbooks throughout the year. Each student will be assigned a number and textbook for the year. These textbooks are school property and are **not to be written in under no exceptions.** If it is discovered that there is writing in the textbooks, an investigation will be made and there will be consequences dealt. Textbooks may not leave the room. Students will have access to digital copies of the book for their own personal use. If a student does not have access to the internet may rent out a book to bring home. All students are responsible for taking out their assigned textbook at the beginning of class and putting them away at the end of class. Failure to clean up can result in a consequence.

Chromebook

If students are using the Chromebook inappropriately and/or the Chromebook is not charged:

First offense: Warning

Second offense: Relocate seat

Third offense: Teacher choice - Lunch detention or call home.

LTR passes

Every student will receive four LTR Passes per trimester that they may use to go to their locker, use the washroom, or to borrow a required material from the teacher. Students that do not use all four passes may turn in any leftover passes for extra credit at the end of each trimester. Any student that uses all four passes will be denied from leaving the room during class time, with exceptions to emergencies.

Any student that is visiting the office or nurse must take a signed pass with them. Visiting the nurse or office does count towards a student's four "LTR's" per trimester. Any student that leaves the room during class time regardless of whether they are going to their locker, washroom, nurse, or office MUST sign in and out along with date and time.

Daily Procedures for Science:

Collect Warm Up and Assigned Textbook when you first enter the room.

Sit in your assigned seat.

Complete the Warm Up, use your notes/book to help you.

Take out any homework to be checked in.

Go over the warm up and homework as a class.

Complete main activity. (I.E. Discussion, Lab, Lecture, or Reading)

Clean up, be sure to place textbooks in correct order!

Introduce the homework assignment.

Review the daily objective and findings from the class activity.

Course Overview for 7th Grade Science

7th grade science will be broken into major units:

Weather

NGSS Standards: PS3-3 , PS3-4, ESS2-4, ESS2-4, ESS2-5

This unit focuses on the changes of the atmosphere at particular times and places.

Climate

NGSS Standards: ESS2-6, ESS3-3, ESS3-5, EST1-1

This unit focuses on average weather conditions in an area over a long period of time and how natural and unnatural changes to climate occur.

Cells and Cell Processes

NGSS Standards: LS1-1, LS1-2, LS1-3, LS1-6

This unit focuses on the basic unit of life, the cell. It looks at parts of the cell and how cells function.

Genetics and Heredity

NGSS Standards: LS3-1, LS3-2

This unit focuses on how traits are passed from parent to offspring.

Evolution

NGSS Standards: LS1-4, LS1-5, LS4-4, LS4-5

This unit focuses on the origin of species based on natural and unnatural causes over a period of time.

Classification

NGSS Standards: LS1-4, LS1-5

This unit focuses on the categorization of species based on shared characteristics and adaptations.

2017-2018 Science Student Information Sheet

Computer Access

Does the student have access to a computer at home?	Yes	No
Is there a working printer at home?	Yes	No
Does the student have access to the internet at home?	Yes	No

Other

Please specify below any special considerations or accommodations relevant to the student's success in the classroom? Does the student have any special learning needs, medical issues, or a necessary seating assignment that I may not be aware of?

I have read and understand the syllabus and expectations for Mrs. Reese's science class.

Student: _____

Date: _____

Parent: _____

Date: _____

Thank you for taking the time to complete this information sheet. If you have any questions or concerns, please feel free to contact me.

Mrs. Reese

reesej@hawthorn73.org

<http://mrsjreese.weebly.com/science.html>