**Comprehensive Science 1 Syllabus – Mrs. Cronin**

Email: cronin.katharine@franklin-academy.org

Website: <http://mrscroninscience.weebly.com/>

*Please read this syllabus entirely and then sign and return the Classroom Contract and Lab Contract by Friday August 22nd. This will be your student’s first grade. Please don’t forget to visit my website if you have not done so already!*

**Course Description**

This class will focus on hands-on, minds-on, inquiry-based science. We will cover several science topics including:

* The Nature of Science / Scientific Method
* UNIT 1 -----Earth Structures—Weathering and Soil, Erosion and Deposition
* UNIT 2------Earth Systems and Patterns--- atmosphere, weather, climate
* UNIT 3----- Energy, Motion and Forces----- energy and energy transformations, motion and forces
* UNIT 4----- Organization and Development of Organizations—classify and explore life, cell structure and function, human body systems including cell development, bacteria and viruses

These topics will be taught in the context of organized group investigations and real-world applications. *We will be actively engaged in learning each day, so be sure to come to class well rested, prepared, and ready to engage your brain!*

**Grading:**

A = 90% - 100% Tests = 35%

B = 80% - 89% Quizzes = 25%

C = 70% - 79% Class Work = 20%

D = 60% - 69% Labs/Projects = 20%

F = 0% - 59%

As per Franklin Academy policy, there is no extra credit work given

**Tests, Quizzes, Labs, and Projects:**

* **Tests** will be given at the end of each unit section. Test question style will include multiple choice, matching, fill in the blank, short answer, and open response, all with an emphasis on critical thinking. Test reviews will be posted to my website. Please be prepared and expect 3 tests every 9 weeks.
* **Quizzes** will be given at any time throughout the quarter. I will notify you at least one day in advance so you can study. Please be prepared and expect 4 quizzes every 9 weeks.
* **Projects**. We will be doing a variety of projects during the year. Although the work will be completed in the classroom, some research or preparation may be assigned as home study skills. Students will be expected to complete the study skills assigned and bring the work to class as part of their project grade. Some supplies may need to be brought as well (i.e. - poster boards, printed pictures etc.) Projects may result in multiple grades. If a project is interdisciplinary across other subjects, grades from one activity completed in either class can result in a grade in the joining subject areas as well.
* **Labs** will be a part of the ongoing inquiry. Some will be with partners, or small groups, some teacher led. Students are expected to follow all specific lab instructions, procedures as well as general lab behavior protocol as part of their grade. Failure to do so will result in exclusion from future labs or other consequences if needed.

**Beginning of Period Procedures:**

* Students will arrive promptly and come into class quietly.
* All students, with the exception of the students who are assigned to pass out books for their group, must be seated by the time the bell rings
* Students will take out their agendas, science notebooks, and a pencil, and copy the lesson plan and study skills from the board into their agenda.
* Students will complete the day’s “Catalyst” in the specified amount of time.

**End of Period Procedures:**

* Students will work until the teacher indicates it is time to prepare for class dismissal (usually within the last 3 minutes of class)
* Students will put away all books/supplies are in their proper places.
* Students will pass in any classwork or lab assignments to the proper period’s classwork folder
* The class will also pickup all trash on the floor (regardless of ownership), straighten desks, and push in chairs.

\*6th period will put their chairs up on the desks.

**Absences/Tardies:**

* If students are absent for an excused reason they will be given 2 days to turn in work they missed that day. (Ex: If you are absent on Monday and return Tuesday, you will have until Thursday to make up the work you missed Monday).
* Please check my website for work that was missed during an absence.
* Missed tests or quizzes will be made up the day you return.
* Tardy students will need to sign the tardy log and/or place any notes/passes on my desk then proceed to your seat and join in on what the class is doing.

**Course Materials:**

* 5 Subject Notebook with Pockets
* Colored Pencils
* #2 Pencils with Erasers (Pens will not be permitted)
* Highlighter (The color is your choice, you may want multiple colors)
* Index Cards
* Glue Stick
* Student Scissors

**Bathroom Procedures:**

Students will quietly sign the bathroom log on the back table, fill out the date and time in their agenda, and bring it to me to be signed. Students must take their agenda to the bathroom. When they return they will quietly re-enter the classroom and log the time back in the bathroom log

**Classroom Rules:**

* Be respectful and kind to everyone in the classroom
  + Please keep your hands, feet, and objects to yourself
  + Please raise your hand and wait patiently to be called upon
  + Use appropriate language
* Be prepared and on time
  + Bring all supplies including agenda, science notebook, and a pencil to class every day
  + Be seated at the bell
* Follow directions
* Be an active learner and listener
* NO GUM OR ELECTRONICS

**Disciplinary Plan:**

1st Incident – Mark in Discipline Log/Note in Agenda/Verbal Warning

2nd Incident – Mark in Discipline Log/Call home or Email to Parent

3rd Incident – Mark in Discipline Log/Detention/Parent Conference

4th Incident – Referral

NOTE: Violating safety regulations, especially during a lab, will result in one or more of the following:

\*Loss of credit for the assignment/day.

\*Contact home

\*Temporary or permanent loss of lab privileges and referral to the office.

**The KITE Philosophy:**

The KITE Philosophy is Franklin’s school-wide positive behavior system, and is based on 4 core values:

* Be **Kind** (show caring and citizenship)
* Be **Invested** (be responsible and trustworthy)
* Be a **Team Player** (be fair and respectful)
* Be **Energized** (show positive, engaged attitude)

Students who display actions in line with these core values will be rewarded with “Kite Cash” and recognition. “Kite Cash” can be spent on various items which will be available in the “Kite Cart” in the cafeteria every Friday morning.

**Wish List:**

* Printer Paper\*\*
* Construction Paper\*\*
* Tissues\*\*
* Paper towels\*
* College-Ruled Paper\*
* Hanging File Folders\*
* Thin Dry Erase Markers (Black)\*
* Colored Pencils\*
* Manila Folders
* Poster Boards (White)
* Lysol wipes
* Hand sanitizer
* Science Activity Supplies on an as-needed basis

**Classroom Contract**

**By signing this you, the student, are agreeing to uphold this classroom plan to the best of your ability. Bringing this paper back signed and in a timely fashion will be the first grade in my class.**

**Parents, by signing this you are also agreeing to uphold the classroom plan to the best of your ability.**

**Student’s name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Student’s signature**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent/Guardian(s) name(s)** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Parent/Guardian(s) signature** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Contact Numbers:**

Home: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cell Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Email Contact:**

Email 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Email 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_