

# Fifth Grade PreAP Science – Syllabus

## Who is your teacher this year?

**Name:** Mrs. Marino

**Email:** KellyMarino@misdmail.org

**Subject:** PreAP Science

**Conference time:** 8:30-9:30am

**Grade Level:** 5th Grade

**Website:** teamjuneau1.weebly.com

**Class Phone:** 817-299-2768 (available for calls before/after school hours only- will not accept voicemail)

### Text:

Science books are electronic and can be accessed here:

Link: <https://n11052d40706.acceleratelearning.com/login>

Username: MISD student id#

Password: first and last initial followed by date of birth (mmddy)

\*During the year, your teacher will post assignments on the acceleratelearning website relating to the topic we are studying.

## What topics will we cover this year?

Fifth grade students will cover Nature of Science, Physical Science, Life Science, and Earth Science concepts.

### Goals:

By the end of the fifth grade, students will be able to:

- Plan and implement investigations using scientific methods
- Collect information by observing and measuring with tools.
- Analyze data by constructing tables and graphs to evaluate information.
- Produce models to represent the natural world, show how systems work, and identify structures.
- Identify significance of cycles, structures, and process that interact: including seasonal, lunar, water, and life cycles.
- Explore traits inherited from parent to offspring and learned behaviors that result from the influence of the environment.
- Determine the role of the Sun's energy in cycles including plants, animals, water, weathering, and erosion.
- Identify and describe changes that occur over time, including weathering on landforms, erosion, sedimentary rock sequences, Earth's natural resources, and the formation of fossil fuels.
- Predict adaptive characteristics needed for survival in an ecosystem.
- Compare physical characteristics of the Earth and moon.
- Classify matter based on physical properties and identify changes that occur in mixtures and when heat is added or removed.
- Differentiate among forms of energy, including light, heat, electrical, and sound.
- Determine substances ability to conduct or insulate heat, electricity, and magnetism.
- Build and expand vocabulary, through a print rich environment, to increase fluency and understanding by incorporating scientific vocabulary into their everyday speaking, listening, and writing routines.
- Evaluate their own work and the work of others.

## Do I HAVE to participate in class?

Absolutely! Active participation is expected in science. Why? Science is discovered largely by discussion among your peers. If you're not part of the learning, you're missing it. Participation grades may be given while conducting labs.

## What materials will I need to ensure my success in science this year?

- You will be required to maintain a planner (provided at no cost) for recording assignments and homework. The planner is required throughout the year for assignments and communication in all classes. If the first planner is lost, another one can be purchased for \$3 from the office.
- A composition book is required for science journaling, warm-ups, and lab reports. This will be kept in your binder and must be in class daily.
- A folder with brads is needed to store homework or lab reports that we are working on. This should be kept in your binder.
- Map pencils, crayons and highlighters will be helpful when recording notes in your journal and should be brought to class daily.

## Where should I go for extra help?

- My journal notes
- Educationgalaxy.com ( your teacher will provide you with login information during the second week of school)
- Our class website for review videos and notes: teamjuneau1.weebly.com
- Your teacher! I am here to help! Please let me know, so we may review during WIN time.

## What if I'm tardy or absent from class?

Please be in class on time every day! Being absent or tardy will cause you to get behind in your work, miss important lessons, and lose great instruction from your teacher. However, if you are genuinely sick, or have a reason to be out, you will be responsible for the work you've missed. You will have the same number of days you are absent to make up work. Talk with your teacher and schedule a time to meet if needed.

## How will I be graded in Science this year?

### Grading Practices:

*Six weeks grades shall be obtained by averaging homework, daily work (class work, daily/pop quizzes, etc.) and major grades (tests, projects, lengthy assignments, MISD Curriculum Based Assessments, etc). Daily assignments may count more than once, but no more than twice.*

Intermediate School Grading Guidelines Teachers shall determine academic student progress using a grade percentage scale of 0-100:

90-100 = A  
80-89 = B  
70-79 = C  
Below 70 = Failing

Citizenship grades are measured on a Likert scale (ESNU).

E = Excellent  
S = Satisfactory  
N = Needs Improvement  
U = Unsatisfactory = Incomplete ("I" is not an academic grade, but indicates incomplete work.)

### Grade Categories

50% - Daily Assignments/Quizzes (minimum of 2 grades per grading period)

40% - Major Tests/Projects\*(minimum of 2 grades per grading period)

10% - Homework (minimum of 2 grades per grading period)

\*District Curriculum-Based Assessments (CBAs) are calculated as part of the Major Grades/Projects category.

### Number of Grades Each Grading Period

10 (minimum)

### Homework

We will have homework as needed to reinforce concepts taught in class. Projects may also be assigned each six week period. Homework will not be assigned during extended holidays, such as Thanksgiving Break, Winter Break, and Spring Break.

### Semester Grades

Semester grades are computed by averaging the numerical grades recorded for each of the three grading periods within the semester. The three grading periods will equal 100% of the student's grade (33.3% per grading period). Credit is awarded at the end of the academic year.

\*No semester exams are administered at the intermediate level.

### UIL Eligibility ("No Pass/No Play")

- Semester grades are computed by averaging the numerical grades recorded for each of the three six week reporting periods.
- Each six week grading period will stand alone for eligibility purposes.
- A student who is declared academically ineligible after a six week grading period will be able to regain eligibility if all of the student's grade averages are 70% or higher at the subsequent 3 week grade reporting period.
- See MISD Board Policy FM (LOCAL) – Exempt Courses.

## How will I know what my current grade is in Science?

To check on student grades, go to <http://www.mansfieldisd.org/>. Click on "Skyward" and follow the directions. Student grades and assignments are updated each week. Parents may set up an Infinite Campus student account to check grades from home.

## **COURSE CALENDAR / SCHEDULE (Subject to change)**

### **Semester one:**

- **Lab Safety/Matter and Energy**
- **Force and Motion**
- **Earth Cycles**

### **Semester two:**

- **Science Fair (at home project)**
- **Earth Resources**
- **Organisms and Environment**
- **Science Boot Camp**

**1st Instructional Period - Aug. 14-Sept. 20**

**2nd Instructional Period - Sept. 23-Nov. 1**

**3rd Instructional Period - Nov. 4-Dec. 18**

**4th Instructional Period - Jan. 8-Feb. 21**

**5th Instructional Period - Feb. 24-April 9**

**6th Instructional Period - April 13-May 28**

### **What if I turn in an assignment late/past the due date?**

Teachers will accept late work:

- 1 class day late – grade will be reduced 15 points
- 2 class days late – grade will be reduced 30 points
- 3 class days late – grade will be reduced 50 points

### **What can I do if I fail an assignment?**

- If you fail an assignment, you are encouraged to attend tutorials to receive additional instruction on that topic. You will need to talk with your teacher and schedule a time to meet.
- Retakes and/or corrections will **ONLY** be allowed on major tests or assessments (below 70%) for a maximum grade of 70%. You will not be able to retake daily assignments or homework.
  - All retakes or corrections must be completed prior to the end of each six week grading period unless the student is afforded time, after the six week grading period, as a result of the district's absent/make-up guidelines.

### **Why is Lab Safety Important?**

The science lab is a great opportunity to discover and learn! However, it can be a place of danger if common-sense precautions aren't taken. Students are expected to learn and follow general safety guidelines to keep the lab a safe place. Goggles will be worn when directed by the teacher. Closed toe shoes (not sandals) must be worn in the lab to prevent injury. Horseplay is not allowed. Additional precautions will be announced prior to certain experiments. Students who choose not to follow all safety rules will be removed from the activity. MISD lab safety agreements must be signed and a lab safety quiz must be passed with 100%.

### **What is Academic Dishonesty?**

Academic dishonesty, including cheating and plagiarism, are taken very seriously.\*

Some examples of academic dishonesty include:

- Cheating or copying off of someone else's work.
- Allowing someone else to cheat or copy off of your work.
- Using someone else's work as your own.
- Doing someone else's work for them.
- Allowing someone else to do your work for you. This includes your family- you can definitely ask for help from relatives, but don't let them do your work for you.

\*Refer to your student handbook for more details.

### MISD Curriculum-Based Assessments Dates for Science

CBA 1	October 1-3
CBA 2	November 13-15
CBA 3	December 16-18
CBA 4	February 21-26
Benchmark	TBD

Teacher made assessments may also be given periodically with at least 5 days notice to students.

SCIENCE STAAR TEST will be administered on Thursday, May 14, 2020