Ms. Kadotani - 7th Grade Science Syllabus

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Curriculum: **Elements of Earth Science:** Seventh grade science will focus on: Lab Safety, The Scientific Method, Geology, Astronomy, Ecology, and Scientific Reading and Writing. Geology will cover the structure of the Earth's interior, seismic activity, geologic processes of Earth, including plate tectonics, mountains, volcanoes, and rocks and minerals. The focus in Astronomy will be Earth's relationship to the Sun and Moon, seasons, moon phases, and the history of space flight and exploration. Fourth quarter students will begin Ecology and the study of organisms, interactions in environments, habitats, populations and sustainability and the environment.

**Required Classroom Materials:**
- Writing utensils (pencils, pens)
- Marking utensils (highlighters, colored pencils or pens)
- **1 single subject College Ruled** spiral notebook (11x9 with plastic cover) Mead 5 Star is preferred so papers will fit
- 1 blue plastic folder with metal prongs and pockets
- Glue sticks (restock throughout year)
- Scotch Tape

Digital Textbook ALL STUDENTS MUST use DVUSD portal to access Discovery Education: https://login.discoveryeducation.com/?returnUrl=students.discoveryeducation.com

Gizmos labs: https://www.explorelearning.com/

Student science work is extremely important and the spiral **Interactive Science Notebook (ISN)** provides an organized and secure place to keep work, notes and grades. The ISN will be used to organize notes and work in an effective way. It should be noted that “I cannot find my homework” is NOT a legitimate excuse as most work should be in the ISN.

**Grade Scale:**
Tests/Exams = 40%
Bell Ringers/Quizzes = 25%
Gizmos/Labs/Projects = 20%
Classwork/ISN = 15%

**Entering Class/Bell Work:** Students will line up outside of classroom and when permitted, will enter the classroom respectfully, quickly, and quietly, take seats and begin Bell Ringer. Bell Ringers are to be done quietly and independently as soon as the bell rings.
Absences: If a student is absent, it is the student’s responsibility to first check my website and refer to the Science Agenda & Homework tab for content covered. Upon returning to class check the “Absent” hanging file crate promptly for all missed handouts. The most recent handouts will be in the front of the crate.

Student Signature: ____________________________________________

Absent work: All work that is completed late due to an absence must be turned in to the “Late/Absent” tray and clearly labeled “Absent” with the date(s) of your absence.

Late Work: Late work without excused absence will be accepted at a 10% deduction per day.

Cell Phones: All electronic devices must be off/silenced upon entering class. Students may use phones in accordance with PBIS Handbook.

Tardies: Any students not in the classroom when the bell rings is considered tardy without a late pass.

Leaving the Room: When a student needs to leave the classroom they must do so quietly, at an appropriate time, and follow the sign out procedure. For accountability and safety purposes, students must sign out and back into the classroom. Should a student abuse or misuse the responsibility of leaving class, parents/guardians will be notified. When reentering the room you will do so quietly and without interruption.

Retakes: Retakes may be taken (once) on Bell Ringers/quizzes and Chapter tests. **Unit tests and District tests may not be retaken.** Retake date will be announced to classes and usually occur within 1 week of entering the score into the grade book.

Classwork, Assignments, Homework, and Parent Contact: Please check my Staff website on the SFS website to find out about classwork, homework, and other important information such as online textbook access and to sign up for Remind.

Tutoring/Office Hours: Any student wishing to meet before school (7:30 – 8:30) or after (3:30 – 4:30) must request so in advance and arrive or be picked up on time.

Parent Signature ____________________________________________

Parent E-mail (print) __________________________________________

Parent phone ________________________________________________

Student signature ____________________________________________

**THIS SYLLABUS IS AN ASSIGNMENT! IT MUST BE SIGNED BY BOTH THE STUDENT AND PARENT FOR FULL CREDIT.**
Student Safety Contract

School Name

PURPOSE
Science is a hands-on laboratory class. However, science activities may have potential hazards. We will use some equipment and animals that may be dangerous if not handled properly. Safety in the science classroom is an important part of the scientific process. To ensure a safe classroom, a list of rules has been developed and is called the Science Safety Contract. These rules must be followed at all times. Additional safety instructions will be given for each activity.

No science student will be allowed to participate in science activities until this contract has been signed by both the student and a parent or guardian.

SAFETY RULES
1. Conduct yourself in a responsible manner at all times in the science room. Horseplay, practical jokes, and pranks will not be tolerated.
2. Follow all written and verbal instructions carefully. Ask your teacher questions if you do not understand the instructions.
3. Do not touch any equipment, supplies, animals, or other materials in the science room without permission from the teacher.
4. Perform only authorized and approved experiments. Do not conduct any experiments when the teacher is out of the room.
5. Never eat, drink, chew gum, or taste anything in the science room.
6. Keep hands away from face, eyes, and mouth while using science materials or when working with either chemicals or animals. Wash your hands with soap and water before leaving the science room.
7. Wear safety glasses or goggles when instructed. Never remove safety glasses or goggles during an experiment. There will be no exceptions to this rule!
8. Keep your work area and the science room neat and clean. Bring only your laboratory instructions, worksheets, and writing instruments to the work area.
9. Clean all work areas and equipment at the end of the experiment. Return all equipment clean and in working order to the proper storage area.
10. Follow your teacher’s instructions to dispose of any waste materials generated in an experiment.
11. Report any accident (fire, spill, breakage, etc.), injury (cut, burn, etc.), or hazardous condition (broken equipment, etc.) to the teacher immediately.
12. Consider all chemicals used in the science room to be dangerous. Do not touch or smell any chemicals unless specifically instructed to do so.
13. Handle all animals with care and respect.
   a. Open animal cages only with permission.
   b. Never handle any animals when the teacher is out of the room.
   c. Do not take animals out of the science room.
   d. Do not tease or handle animals roughly.
   e. Keep animals away from students’ faces.
   f. Wear gloves when handling animals.
   g. Report any animal bite or scratch to the teacher immediately.
14. Always carry a microscope with both hands. Hold the arm with one hand; place the other hand under the base.
15. Treat all preserved specimens and dissecting supplies with care and respect.
   a. Do not remove preserved specimens from the science room.
   b. Use scalpels, scissors, and other sharp instruments only as instructed.
   c. Never cut any material towards you—always cut away from your body.
   d. Report any cut or scratch from sharp instruments to the teacher immediately.
16. Never open storage cabinets or enter the prep/storage room without permission from the teacher.
17. Do not remove chemicals, equipment, supplies, or animals from the science room without permission from the teacher.
18. Handle all glassware with care. Never pick up hot or broken glassware with your bare hands.
19. Use extreme caution when using matches, a burner, or hot plate. Only light burners when instructed and do not put anything into a flame unless specifically instructed to do so. Do not leave a lit burner unattended.
20. Dress properly—long hair must be tied back, no dangling jewelry, and no loose or baggy clothing. Wear aprons when instructed.
21. Learn where the safety equipment is located and how to use it. Know where the exits are located and what to do in case of an emergency or fire drill.

AGREEMENT

I, ___________________________, have read and understand each of the above safety rules set forth in this contract. I agree to follow them to ensure not only my own safety but also the safety of others in the science classroom or laboratory. I also agree to follow the general rules of appropriate behavior for a classroom at all times to avoid accidents and to provide a safe learning environment for everyone. I understand that if I do not follow all the rules and safety precautions, I will not be allowed to participate in science activities.

Student Signature

[Signature]

Date

Dear Parent or Guardian:

We feel that you should be informed of the school’s effort to create and maintain a safe science classroom/laboratory environment. Please read the list of safety rules. No student will be permitted to perform science activities unless this contract is signed by both the student and parent/guardian and is on file with the teacher. Your signature on this contract indicates that you have read this Science Safety Contract, reviewed it with your child, and are aware of the measures taken to ensure the safety of your son/daughter in the science classroom.

Parent/Guardian Signature

[Signature]

Date

Important questions:

Does your child wear contact lenses?  
Y or N

Is your child color blind?  
Y or N

Does your child have any allergies?  
Y or N

If so, please list:

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81010 ?

Text this message

@muskadot ?