






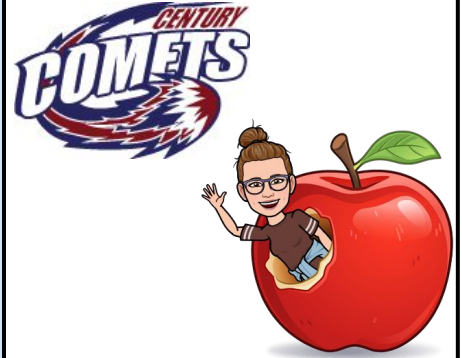


6th Grade Science

Ms. Stelling's Info!





-  **Teacher:** Ms. Stacy Stelling
-  **Core:** Socrates Core - 6th Grade
-  **Core Calendar:** [Socrates Core Calendar](#)
-  **Teacher Website:** [Socrates Core - Mrs. Stelling](#)
-  **Room Number:** D-206
-  **Email:** stacy.m.stelling@adams12.org
-  **Additional Help:** Office Hours: Wednesdays at Lunch

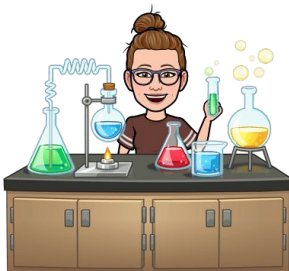


Class Description:





6th Grade Science explores the interactions between Humans and the non-living and living world around us. This course develops the basic science skills & understanding necessary for higher levels of science & observing the known universe.

Units of Study:








-  Science Safety & the Nature of Science
-  Matter & Water
-  Earth Structures & Natural Processes
-  Environmental Interactions



Class Materials:

-  Charged Laptop or Chromebook (needed in class, every day)
-  Access to [Schoology](#)
-  Science Spiral
-  Writing Utensils & Colored Pencils

You will be able to:

-  Practice scientific thinking and problem solving using safe methods and appropriate scientific tools.
-  Research and evaluate data and information to inform decisions and make claims.
-  Use and manipulate scientific tools to gather data and make scientific inferences and predictions.
-  Compare and contrast relationships among various parts of systems.
-  Create and develop scientific models to communicate understanding of scientific principles.
-  Generate and propose solutions for complex scientific problems.
-  Write and speak using claim, evidence, and reasoning to present and explain scientific findings.

Important Policies & Procedures:

Attendance Policy:

Attendance in class is integral to students' success with the sixth grade science curriculum. Attendance will be taken and recorded daily within the first ten minutes of class. As always, the attendance line should be called when students need to be out for any reason, including needing to leave school in the middle of the day.



Absence Policy:

Absence policies are governed by the Adams 12 Five Star Schools Superintendent Policy. Check with your teachers, sign into your courses on Schoology, and reference your core calendar for school work and assignments missed during absences. The district absence policy can be found in the [student handbook](#).



Excused Absences AND Missing Work:

Students may turn in missing work according to school policy which is one day for each missed day plus one additional day to gather work.

Making up missing summative assessments that are project based is **rarely** allowed, as advanced notice is given for these types of assignments and substantial support is provided to promote timely completion. In-class summative assessments must be completed within the district requirements which is outlined in the student handbook.

Missing scores for a student who has failed to attempt summative assessment of any kind will become part of the overall demonstration of knowledge. These will be factored into a student's MYP Final Mark.

Remember - advocate for yourself and communicate with your teachers.



**MISSING WORK IS YOUR RESPONSIBILITY!
CHECK INFINITE CAMPUS REGULARLY!**



Technology Policy:

Technology tools are used on a frequent basis for application of learning and collaboration within the classroom community. We will review policies around responsible technology and Internet use in the classroom learning environment. Cyber bullying and inappropriate use of a machine or mobile device can be cause for disciplinary action. Student expectations while using technology and in all virtual/digital learning spaces are the same as they would be in the physical classroom at Century Middle School.

Rules and expectations surrounding technology can be found in the student handbook.

Call the I.T. Help Desk for tech assistance: 720-972-4120



Important Policies & Procedures:

Office Hours:


Wednesdays at lunch - a pass from me is required!


Asking for help:


I am here to help! The quickest way to ask for extra help is by [emailing me](#). In your email, let me know the assignment or task you are working on and your specific questions or concerns. The more information you can provide, the more able I will be to help you. Be sure to write me using appropriate academic language. You can also send me a message over Schoology. Again, remember to use appropriate strategies for effective communication in the academic setting.


IB Learner Profiles:

At Century Middle School, we are IBMYP Learners. We strive to be:


 **Thinkers** - We use critical and creative thinking skills to analyze and take responsible action on complex problems. We exercise initiative in making reasoned, ethical decisions.

 **Open-minded** - We critically appreciate our own cultures and personal histories, as well as the values and traditions of others. We seek and evaluate a range of points of view, and we are willing to grow from the experience.


 **Principled** - We act with integrity and honesty, with a strong sense of fairness and justice, and with respect for the dignity and rights of people everywhere. We take responsibility for our actions and their consequences.


 **Balanced** - We understand the importance of balancing different aspects of our lives—intellectual, physical and emotional—to achieve well-being for ourselves and others. We recognize our interdependence with other people and with the world in which we live.


IB Learner Profiles (Cnt'd):


 **Reflective** - We thoughtfully consider the world and our own ideas and experience. We work to understand our strengths and weaknesses in order to support our learning and personal development.

 **Risk-takers** - We approach uncertainty with forethought and determination; we work independently and cooperatively to explore new ideas and innovative strategies. We are resourceful and resilient in the face of challenges and change.

 **Inquirers** - We nurture our curiosity, developing skills for inquiry and research. We know how to learn independently and with others. We learn with enthusiasm and sustain our love of learning throughout life.

 **Caring** - We show empathy, compassion and respect. We have a commitment to service, and we act to make a positive difference in the lives of others and in the world around us.

 **Communicators** - We express ourselves confidently and creatively in more than one language and in many ways. We collaborate effectively, listening carefully to the perspectives of other individuals and groups.

 **Knowledgeable** - We develop and use conceptual understanding, exploring knowledge across a range of disciplines. We engage with issues and ideas that have local and global significance.




More information about the IB MYP policies at CMS can be found in the student handbook and from teachers in class.







Academic Honesty:

Academic Honesty (Integrity) can be defined by honest academic work where the ideas and the writing of others are properly cited; students submit their own work for tests and assignments without unauthorized assistance; students do not provide unauthorized assistance to others; and students report their research or accomplishments accurately. (School for Ethical Education)

Students will:





-  Act with integrity in all work.
-  Acknowledge when they feel they are not in a position to produce original work.
-  Seek assistance from their teacher(s), parents, and fellow students so they can avoid an infraction.

When taking an assessment:

-  Keep eyes on own work
-  Keep answers hidden from others
-  Put all notes and extra items away before beginning.
-  Report any violations or suspicions of violations to a teacher or administrator.

Do **not** use additional electronic or shared resources unless given explicit permission to do so in the instructions of the assessment.

Parents will:

-  Support students and the school in creating a community where students will independently create original work.
-  Guide students in taking advantage of academic resources provided by faculty and/or posted on staff webpages, the CMS website, Schoology, etc.
-  Communicate with staff when a student is struggling with an assignment.
-  Support the faculty in helping students recognize the importance of this policy and the value of academic honesty.

More information about academic honesty can be found in the student handbook.

Grading:

Your performance in Science is assessed on the following 4 (four) criteria:

- Criterion A—Knowing and Understanding 🌍
- Criterion B—Inquiring and Designing 🧑🔬
- Criterion C—Processing and Evaluating 💬
- Criterion D—Reflecting on the Impacts of Science 🧠



Students are expected to be engaged and motivated in the completion of their assignments, tasks, and coursework to the best of their ability, whether formative or summative in nature.

Formative work plays an important role in learning in science class and builds a foundation for our learning and growth as scientists. Formative work will be reflected in the gradebook as practice and marked as turned in/incomplete/missing. Students will receive feedback on formative work to help them improve their skills and understanding toward mastery.

Summative assessment of student work is based on demonstrated progress and achievement of clear standards using appropriate rubrics. The rubric achievement levels are based on a 1-8 scale, with 8 being the highest level of achievement (see the rubrics located in the student handbook for reference.) These scores will be recorded in the gradebook and students' trending data is used to assign progress grades at the end of each semester.

At the end of the year, students will earn a Final MYP Mark, which will be based on the end-of-term final grades for each of the four criteria. The Final MYP Mark will be based on a 1-7 scale, with 7 being the highest score. Please view this [IB Grading Video](#) to better understand Century's IB MYP Grading structures.

Retakes for summative assessments **must** occur **within one week after the summative assessment is entered in IC and RETURNED to the student**. After this time period, the grade becomes final. Students are required to sign up for a retake and must work with me to find a mutually agreed-upon time to retake the assessment. **The opportunity to re-test may be dependent on the completion of classwork and attendance at one or more study sessions.**

Communication:

Communication between parent/guardian(s) and teachers is a vital component in your student's education. Students will use their agenda each day to record the daily objectives in science class, and as a means for communicating their learning with parent/guardian(s).

In addition, be sure to visit our [core webpage](#) and [core calendar](#) to track important information and long-term project assignments. Schoology will be utilized to communicate with students regarding their progress, as well. To track your student's academic achievement, you may access the [Infinite Campus parent portal](#).

If you have any difficulties with the parent portal, please call the registrar 720-972-5240.

The best way to reach me is by [email](#). You can expect a response to voicemail or email within 24 business hours. Please schedule an appointment if you would like to meet with a teacher or core team. Making arrangements ahead of time will ensure that we are able to devote our time and full attention to you.