

Crete-Monee
Middle School

2019-20

8th Grade Science (8B)-IB

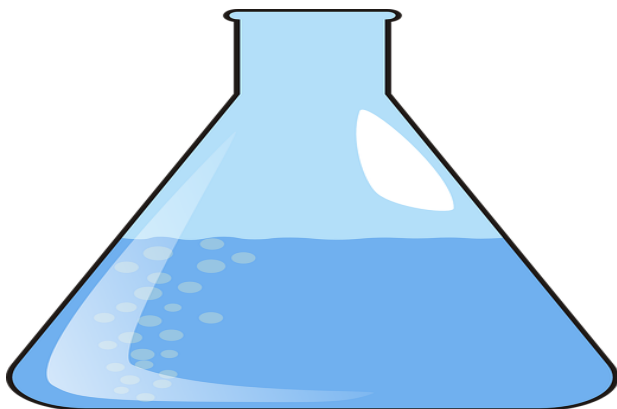
Ms. Casiello

Room 113

(708) 367-2437

casiello@cm201u.org

COURSE DESCRIPTION



Grading Policy:

- Grades are calculated on a Total Points System.

CLASS GUIDELINES:

Respect, Responsibility
and Safety:

BE PROMPT

BE PREPARED

FOLLOW PROCEDURES

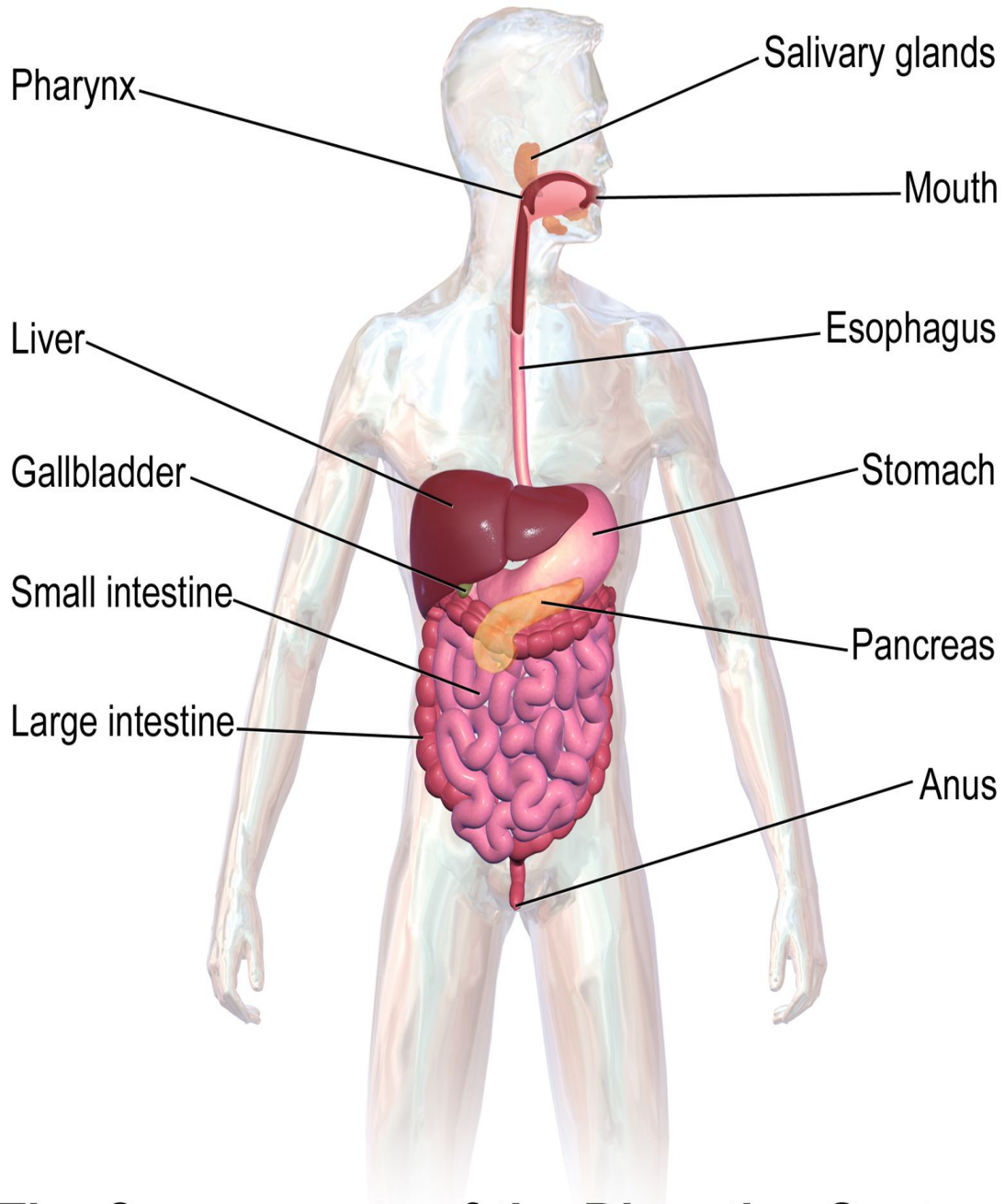
BE POLITE / RESPECTFUL

BE PRODUCTIVE

ALL CRETE-MONEE RULES,
GUIDELINES, AND
PROCEDURES IN THE
STUDENT PLANNER WILL
BE OBSERVED AT ALL
TIMES.

-70% of a student's grades consist of Formative/Summative Assessments like: quizzes/tests/Binder Checks/Lab Experiment Reports/Various Projects/ Alternative Assessments, etc.

-30% of a student's grade consists of: Daily Bell Ringers, Homework when assigned, Individual Student Notebook Work-Digital, etc.



The Components of the Digestive System

Course Outcomes:

Upon successful completion of the course, students will apply The Next Generation Science Standards and International Baccalaureate (IB) Objectives to our three units of study as follows:

1. Develop the process skills necessary to do scientific inquiry and apply these skills as they conduct scientific investigations.
2. Demonstrate effective use of science tools – measurement tools and laboratory equipment.
3. Create and update an individual student notebook (digitally using chromebooks) to organize and showcase work during our many laboratory experiments.
4. All matter is made of invisible particles called atoms.
5. Identify and analyze the elements of the periodic table.
6. Identify and apply laboratory methods of separation for various solutions and compounds.
7. Identify the parts & purpose of the human digestion system.
8. Understand the chemistry associated with the human digestive system.
9. Identify the importance of a healthy diet as it relates to the digestive system.
10. Conduct research via student chromebook on the various types of digestive disorders,
11. Identify the different methods of plate tectonic movements..
12. Explore and analyze how plate tectonic movement relates to earthquakes,



Literacy Goals:

Knowledge

- Observe and recall information

Comprehension

- Translate knowledge into a new concept
- Interpret, compare and contrast facts
- Order, group and infer causes
- Predict outcomes

Application

- Use methods, concepts and theories in new situations
- Solve problems using required skills and knowledge**

-Analyze & Evaluate outcomes

-Draw conclusions and assess values and theories

Classroom Philosophy

Course Foundation

Bell Ringers & Exit Questions will be given on a daily basis to be completed at the beginning and end of class as determined by Ms. Casiello.

Homework Assignments are given as determined by Ms. C. Students should use their planners to copy down the assignment and the due date.

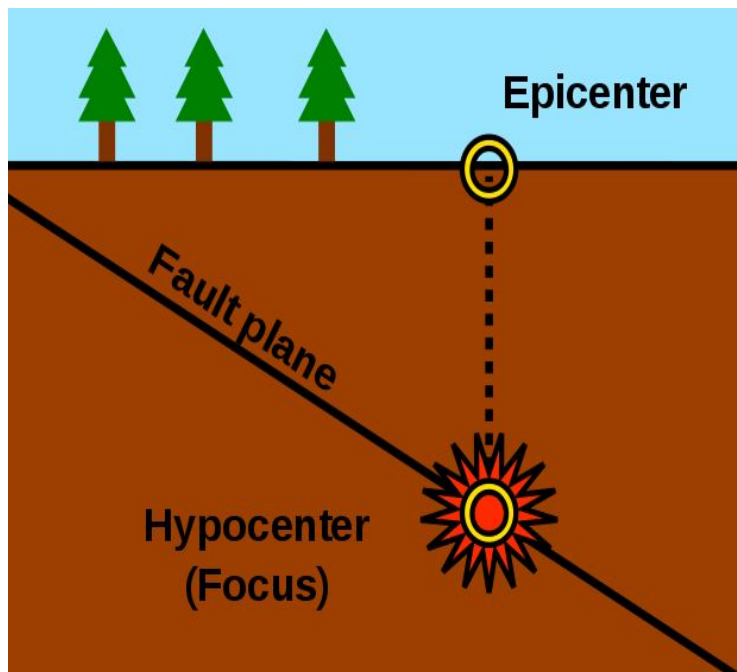
Laboratory Experiences and Activities are an important method of instruction/learning. You have numerous inquiries that will require you to conduct experiments. All lab results will be kept in your ISN spiral and your digital ISN as well.

Tests and Quizzes will be given during each unit. Topics covered in discussion, labs, activities, and bell ringers can be incorporated into tests and quizzes.

Reading and Writing Activities Reading and writing activities will take place often.. Reading strategies will be applied, like Cornell Notes, to assist with reading comprehension of the material being studied.

All Teacher Materials used in class by students will be handled with respect and not destroyed. In the event that materials are purposefully destroyed or not returned the student will be responsible for the cost of replacing said item.

Google classroom Assignments will be expected to be completed as assigned by the due date given.



REQUIRED MATERIALS

Ms. Casiello's Rules and Regulations for Necessary Classroom Management and Safety Purposes:

- 1) All school rules in the student planner and district wide expectation planner will be strictly followed and implemented.
- 2) The SAFETY of my students is always FIRST when working in the science classroom and conducting experiments. A Flinn Lab Safety Contract must be read and signed by both the student and parent/guardian. This must be turned into Ms. Casiello by the stipulated due date or no participation in labs until it is received by Ms. Casiello.

- 3) “On-Deck” Policy/Procedure will be implemented when a student is exhibiting unsafe and disruptive behavior during science class. A separate sheet explaining the details of this policy will be sent home for the student and families to read and sign to be returned to Ms. Casiello so that all stakeholders are on the “same page” and the learning environment may remain intact so student learning can happen in a safe and controlled manner.
- 4) The revised district cell phone policy will be strictly adhered to. Please understand a verbal warning will be given to the student. If the cell phone continues to be out or in use, a parent/guardian contact will be made. As a last resort, if the cell phone violations continue, the student will be written a referral to be reviewed by our Assistant Principal.
- 5) The new district wide Academic Honesty Policy will also be consistently be enforced. Please note a separate packet was sent home to be read by the student and parent/guardian. A signature sheet stating the policy was read and understood has to be kept on file with our school and district offices.
- 6) Last, but not least, please know I try my very best to address student behavior issues/consequences within my classroom. The teachers at CMMS implement the PBIS behavior system to reward students for doing the right thing. I will issue a verbal warning first. If a certain behavior continues or a grade falls below a C, parent/guardian contact will be made according to the family’s preference of contact. After this intervention, a lunch detention will be issued, followed by an after school detention, and lastly a referral will be written.
- 7) Extra Academic Help is available through our RAMP class that occurs during the student’s gym/health class. Attendance and the gym/health teacher is informed 24 hours in advance that a student will be in RAMP with me to make up work, The student will NOT be penalized for missing Gym/Health.

I look forward to working with your son/daughter this year. Teacher/Parent communication is the KEY to the students’ success, please contact me via email or phone. I try very hard to return emails and phone calls within a 24 hour period. Thank you for allowing me to educate your son/daughter this year!

Respectfully, Ms. Casiello/8B