

# Chestermere High School

## Science 20

Teacher: Ms. Kendra Mogck (BSc.H & B.Ed)

Room: 1028

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### Welcome to Science 20!!

There are several key factors that allow students to be successful.

1. The natural ability: some learn concepts faster than others.
  2. Your consistent attendance and participation in class/laboratory activities.
  3. The effort you put in to concept attainment. If certain concepts are difficult for you to master then there are several options.
  4. Your understanding and prerequisite ability from science 10. (65% in science 10 is advised for success)
- A. Ask for help. Teachers, peers and tutors can help explain a concept in different ways.
- B. Review notes and text. Homework and daily notes will be added to the website (ASAP).
- C. Take assignments, labs, quizzes and exams seriously because they all contribute to your final mark.

**The percentage weightings for each unit in Science 20 is based on the breakdown below:**

<u>Unit</u>	<u>Percentage Weighting</u>
A: Chemical Changes	25%
B: Changes in Motion	25%
C: The Changing Earth	25%
D: Changes in Living Systems	25%

If you are absent for a class, it is **your responsibility** to make up missed work

- The day of the absence, check the homework calendar and if you are able to, make it up that day
- If you are not able to make it up that day, do your best to make up the work ASAP
- Check the class calendar to find new dates (due dates, quizzes, exams)
- Collect any new sheets that were handed out on the day of your absence
- Ask a friend or Ms. Mogck on what was missed if you are unsure

## SCIENCE DEPT ASSESSMENT POLICY

\*\*Note: Teacher discrepancy may be applied to policy\*\*

- Students must have assignments, projects, labs and quizzes completed and handed in by the time the marked assignment is returned to the class.
- If a student chooses to hand an assignment in late, this will disqualify them from rewriting the unit test for this unit (where applicable), and students will not be provided with feedback to improve on for their next assignment.
- In accordance with the Chestermere High Handbook, if a student misses a unit test, midterm or final exam and is not excused on the day of the exam by a parent or guardian, a zero will remain as the mark for the assessment.
- As stated in the Chestermere High Handbook: Plagiarism is a piece of writing that has been copied, in part or in whole, from someone else and is presented as being your own work.

It may result in the following:

- a mark of “zero”
- a call home
- an entry in the student’s file

Each student’s overall grade as shown in Powerschool will always be accurate, however, a teacher may make a decision to wait to show an individual's assignment grade until all students have handed in the assignment or the unit grade period is complete

**In Class Grade is Broken Down in the Chart Below:**

<b>Labs</b>	<b>30%</b>	1-2 major lab reports + quick labs
<b>Major Projects</b>	<b>20%</b>	3-4 major projects + small assignments
<b>Quizzes</b>	<b>10%</b>	Weekly
<b>Unit Tests</b>	<b>15%</b>	After each unit (4)
<b>Cumulative Exams</b>	<b>25%</b>	Midterm Exam + Final Exam

**Parent Signature:** \_\_\_\_\_

**Parent Name:** \_\_\_\_\_

**Parent Email:** \_\_\_\_\_

Hello Parents, Guardians and Important People!

My name is Kendra Mogck, I will be teaching your son and/or daughter Science 20 at Chestermere High School and am looking forward to an exciting new start to the semester!

As you are likely aware, science is not an “easy” subject, and often times, students find themselves struggling in the course. Because of this, I like to take the time to make parents and students aware of the efforts required to be successful in chemistry.

First of all, the prerequisite for science 20 is to have passed science 10 with minimum 50%. This however does not ensure success in science 20, as the jump from Science 10 to sci 20 is quite large. The science department at Chestermere High suggests students have achieved 65% or higher to be successful in science 20. This does not mean students with a mark below that expectation, it simply means these students will have to make more of an effort than they have previously in science. This however, will be easier this year, than in previous years, as CHS has been approved to implement High School Redesign, which includes flex time. Flex time will allow students tutorial time built into the school day, to come in for extra help, work on labs or projects or rewrite assessments.

Steps to be successful include first of all attending class, because each class in science builds on the last lesson. If students do miss class, all work is available online (moodle or [msmogcksclassroom.com](http://msmogcksclassroom.com)) for students, including helpful videos, notes and examples. Second, completing the practice work; it is true practice makes perfect, and there are only really only so many ways to ask chemistry questions, so students will be better prepared for the assessments. Third, asking questions and coming in for help. Whether it be a simple formatting question, or a deeper thinking application, questions are welcome! New this year, I will only be marking major labs and projects. All work done in class will be assessed formatively, providing timely feedback to students without assigning them a mark. In this way, it is possible to allow students to make mistakes, without risk. If a student chooses not to hand in a formative assessment on time, the feedback will not be provided, which will be detrimental only in the fact that they will not have the feedback to do well on the major labs or projects.

Finally, effective test writing is key to being successful. Students often struggle initially on concepts in science, and for that reason, weekly quizzes have little to no effect on grades, and all quizzes are rewritable (within the assessment policy limitations). The assessment will simply be taken as a marker of understanding, and marked immediately after the quiz to demonstrate the solution. Unit Exams will be summative assessments of student understanding after the unit has been completed. This will demonstrate the student understanding of this specific area within science at that point in the semester.

Parental support from home is also important to student success. Parents are able to access up to date grades on power school. If you do not have the password, please contact the office. As well, I have developed a website that allows parents to be aware of what is going on in class (on a weekly basis). Please bookmark [www.msmogcksclassroom.com](http://www.msmogcksclassroom.com) for your viewing pleasure. Finally, parent contact should be ongoing and is welcomed at any time. Please contact me with any questions, concerns or just to simply say hi!

Sincerely,

Kendra Mogck  
BSc.(H), BEd.  
Science Department Learning Lead  
Chestermere High School