

Course Outline

Science 10 Rationale

From the foundations of STS (science, technology, and society), scientific knowledge, scientific skills, and scientific attitudes, the Science 10 curriculum is designed to help students understand and interpret their world to become productive members of society. Through this course students will identify and analyze problems; explore and test solutions; and seek, interpret and evaluate information to become aware of the role of science in responding to social and cultural change and in meeting needs for a sustainable environment, economy and society.

Mrs. M's Teaching Philosophy

I believe that a good science teacher facilitates exploratory activities for his or her students, engages them in thoughtful questions to encourage further inquiry, and explains concepts clearly with an open and approachable disposition that establishes positive relationships. My vision for science teaching is to combine fun, collaborative, hands-on activities with carefully designed teacher instruction, videos, and demonstrations, as well as individual projects to enable student discovery and learning. I believe in approaching information using the multiple learning preferences theory, including visual, auditory, kinesthetic, read/write, and multimodal learning strategies.

I believe in communicating electronically and will be using the Remind application. Text @cchsci to (587)801-0972 or email: cchsci@mail.remind.com to join Mrs M's list.

Classroom and Behavioural Expectations

- Respect yourself, others, and your surroundings.
- Eat breakfast and lunch. Healthy snacks are available at the FNMI Centre.
- Lateness is disrespectful and must be made up during Flex or after school.
- If you are inexcusably absent, expect a phone call home. If you are inexcusably absent a second time, you will be referred to an administrator.
- Cell phones are to be brought to class for educational purposes but must remain on silent and put away out of sight at all times unless explicitly instructed otherwise by the teacher. The teacher will confiscate if used without permission.
- CCH cultivates a culture of discipline and cooperation. Please remove hats and ensure you have appropriate clothing and use appropriate language.
- Mrs. Martin's personal expectation: you are young adults. Act like responsible and respectable young adults at all times within this classroom and this school.

Evaluation Procedures

Cheating is a serious offense and will not be tolerated. All Science 10 tests are secured. You will not be able to remove any tests from the room even for studying purposes.

Class Mark weighting 70%

- Labs and Assignments 20 %
- Chapter Tests (3 per unit).. 30 %
- Projects 20 %
- Unit Tests 30 %

* Teacher retains the right to drop the lowest chapter exam mark IF the student does better on the unit test.

Final Exam weighting 30%

Teacher Availability During Flex Block

Flex block provides students with the opportunity to meet outside of regularly scheduled class-time to work in small groups or seek additional instruction and assistance from the teacher on a 1:1 basis. This may involve working on group projects, finishing assignments, making up missed exams, or seeking clarification and enrichment on class topics. Time is scheduled to better serve the entire class. Mrs. M will always be available for the entirety of Flex. It is expected that you arrive to class at 11:45am and work on your projects during the last twenty minutes of Flex.

Re: Assignments not completed or handed in

The Holy Spirit Division Assessment Policy states the following: A student's failure to submit work is a critical behavioral and discipline issue as defined by the School Act in that "*a student shall conduct himself or herself so as to reasonably comply with the following code of conduct: (a) be diligent in pursuing the student's studies.*"

Teachers at Catholic Central have determined the following procedures to be used if a student does not hand in:

- (1) Alternatives will be discussed with student such as an alternative due date, alternative assignment, time with the teacher to work on the assignment, referral to Study Hall, etc.
- (2) Parents will be contacted by the teacher and alternatives discussed.
- (3) The student will be referred to administration or a counsellor to discuss reasons for work not being completed.
- (4) Working with the student, parents, teacher and, if necessary, administration a mutually agreeable solution will be reached.

Note: Assignments are one method by which teachers determine that a student has acquired the designated learner outcomes for a course. Incomplete assignments jeopardize the student's completion of the course.

If a student does not demonstrate that he/she has acquired the learner outcomes, then a course mark will not be awarded to the student. The student may write the final exam, but no course mark can be awarded until the student has demonstrated acquisition of the learner outcomes.

CCH does not submit marks of 64% (65), 79% (80), or 47-49% (50) as a final mark.

Class Times

10:50 - 11:50am	Mrs. Martin available for extra help during Flex Block
11:45 - 12:06pm	In-class project time using Flex Block time
12:06 - 1:26pm	Science 10 Class Part One
1:26 - 1:34pm	Break – students must stretch by leaving classroom
1:34 - 2:54pm	Science 10 Class Part Two
2:54 - 3:30pm	Mrs. Martin available for extra help after school

Program Outline and Timeline

* Dates Tentative

Monday	Tuesday	Wednesday	Thursday	Friday
	1 First Day Class 1 Introduction Start Chem Unit A pre-test Text A1.1	2 Class 2 Chem History Project Text A1.2, 1.3	3 Class 3 A. Ch1 Quiz Textbook A2.0-2.4	4 Class 4 History Project due Textbook A2.5, 3.0-3.2 A. Ch 2 Quiz
7 Labour Day	8 Class 5 Practice Problems Textbook A3.3	9 Picture Day Class 6 Reactions Lab Textbook A3.3	10 Class 7 Reactions Lab due Textbook A3.4	11 Class 8 A. Ch 3 Quiz Review
14 Class 9 Unit A test Start Physics Unit B	15 Class 10 Textbook B1.2, 1.3	16 9-11am Mass Class 11 Textbook B1.4 Ch 1 Review	17 Class 12 B. Ch1 Quiz Textbook B2.0-2.4	18 Class 13 Textbook B2.5 GLO1&2 Physics Lab
21 Class 14 B. Ch2 Quiz Textbook B3.0-3.1	22 PD Day	23 Interviews 6-8pm Class 15 Textbook B3.2-3.4	24 Class 16 Environmental Lesson B. Ch 3 Quiz	25 Class 17 Rube Goldberg lab Review
28 Class 18 Unit B test Start Unit C	29 Class 19 Microscopes Lab Textbook C1.4	30 Mid Terms Class 20 C. Ch1 Quiz Textbook C2.0-2.1	Oct 1 Class 21 Organelles project Textbook C2.1-2.3	2 Class 22 Textbook C2.4 Ch 2 review
5 Class 23 C. Ch 2 Quiz Plant Cells Project	6 Class 24 Textbook C3.0-3.2	7 Class 25 Textbook C3.3, 3.4, 3.5	8 Class 26 C. Ch 3 Quiz Review	9 Class 27 Unit C test Start Unit D
12 Thanksgiving School Closed	13 PD DAY	14 Class 28 Textbook D1.2	15 Class 29 D. Ch 1 quiz Textbook D2.0-2.1	16 Class 30 Textbook D2.2-2.3
19 Class 31 Textbook D2.4-5 D. Ch 2 Quiz	20 Awards Night Class 32 Biomes Project	21 Class 33 Biomes Project	22 Picture retake Class 34 Textbook D3.0-3.2	23 Class 35 Textbook D3.2-3.3
26 Division PD	27 Q2 Timetables Class 36 D. Ch 3 Quiz Presentations	28 Class 37 Unit D test	29 Class 38 Review	30 Last day Class 39 Remembrance Day service
November 2	3	4	5	6
9 Quarter 1 ends	10 PD Day	11 Remembrance Day	12 Quarter 2	13