

Science de la nature (SOC 7)
7e année Course code: 0120
Teacher: Mme Pearson
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École Laurier

2022-2023

Course overview:

This year in science we will be following the grade 8 outcomes. The four themes we will be exploring are “Des cellules aux systèmes”, “L’optique”, “les fluides”, and “les systèmes hydrographiques”. Due to the size of the module, I have split ‘Des cellules aux systèmes’ in half. We will do a mini-module on plant and animal cells and their parts, then the second half, cell systems. Students will participate in explorations, experiments, videos, and note taking.

Science Pacing Guide
Sciences – prog. d’études de la 8e

Module 1 : le 8 sept. – le 21 oct.: L’optique

Module 2a : le 24 oct. – le 30 nov.: Des cellules

Module 2b : le 1 déc. – le 31 jan.: Des cellules aux systèmes

Module 3 : le 1 fév. – le 30 avr.: Les fluides

Module 4 : le 1 mai – le 30 juin: Les systèmes hydrographiques

Course Learning Outcomes:

1. Foster curiosity in science related topics.
2. Learn, understand and use the scientific method.
3. Explore observations and ask questions to expand knowledge.
4. Construct a hypothesis.
5. Analyze data and draw conclusions.

Supply list:

- ✓ Binder
- ✓ Loose leaf paper
- ✓ Pen/pencil

Resources that are helpful:

- ✓ French dictionary
- ✓ French/English dictionary
- ✓ Computer with MS Office/Office 360
- ✓ The Internet
- ✓ Textbook: Omnisciences 8

Classroom tools and procedures:

1. Students need to maintain a section of their binder for Science. Students will keep a table of contents to organize notes, handouts, & assignments.
2. Students will keep their binder in their desk.

Classroom rules and expectations:

All members of the classroom will....

1. Maintain the classroom as a safe place to learn.

- a. All members will be respectful of the opinions, ideas, culture, gender, sexuality and overall personality of their peers and adults in the class, whether they agree with them or not.

2. Respect their classmates.

- a. The members of the class must respect the others right to learn and work in the school environment. This means that students need to refrain from talking during instruction, and not engaging in distracting behavior during work time.

3. Use of technology.

- a. The use of electronic devices is essential to this course. However, access to them is a privilege and not a right. Technological use will be for academic purposes only. Technology will be used at the teacher's discretion. We will be doing as much as possible online to develop students' knowledge of how to use appropriate programs and interact with teachers online.

4. Be prepared.

- a. Come prepared to class ready to learn with necessities that will be used every day in class. It is the student's responsibility to not lose their paper work and to save frequently while doing computer tasks.

5. Homework.

- a. If a student has homework they must complete it the day it was given, if they fail to complete the homework they will have to spend their spare time finishing it at the school.

Assessment Guidelines:

- **Assessments/work** are due at the beginning of the class on the due date. (If extension is needed, the student must ask the teacher, and it is at the teacher's discretion whether or not an extension will be granted).
- **Late assignments** will receive a **zero** until the assignment is handed in.
- **Tests:** students will have the chance to re-write up one test of their choice.
- **Plagiarized assignments** will be given a **zero** until the student has redone the assignment. This includes writing an assignment in English and using an online translation device to render the assignment in French.
- If **a class is missed**, it is the student's responsibility to find what they have missed and to complete work that was done on their own time.
- **Extra assistance:** student must arrange a time with teacher to receive extra assistance.

Methods of evaluation:

Rubrics, quizzes, comprehension questions, projects, presentations, review questions, journals, writing pieces, checklists, self-evaluations, teacher anecdotal notes, etc.

Method of assessment:

Each mark will be assessed with a percentage.

Course Marking Overview:

Assignments: 40%

- ✓ Worksheets, projects, presentations, comprehension questions, summaries & assignments given in class.

Journals: 10%

- ✓ Journals in response to viewing scientific videos.

Experiments & lab reports: 20%

- ✓ Conducting and reporting on experiments in class following the scientific method.
- ✓ Written reports of explorations/experiments conducted in class.

Discussion: 10%

- ✓ Sharing and making hypotheses about their observations.

Quiz/tests/final projects: 20%

- ✓ Quizzes/tests, assignments, presentations.

Final Note for Parents:

I look forward to working with you and your student to expand their knowledge in Science. They will get the chance to explore, create goals, and explore their environment. I welcome both your son/daughter and you to the class. If you have any questions, please contact me via email.

I have read the Science de la nature course outline and I am familiar with the content. I have read the classroom rules and expectations and I want to participate in the classroom activities in a positive way. I understand that this is a classroom contract that I will try my best to uphold.

Date Read: _____

Student's name: _____

Student's Signature: _____

Parent/Guardian's name(s): _____

Parent/Guardian's signature(s): _____

Parent/Guardian's Email Address: _____

Comments: _____
