

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

2019-2020

Course overview:

This year in science we will be following the grade 6 outcomes. The four themes we will be exploring are "Diversity of living things", "Flight", "Electricity" and "Exploring the Solar System". We will be alternating science and social studies units every 6 weeks. Students will participate in explorations, experiments, videos, and note taking.

Social Studies/Science Pacing Guide

(social -grade 8 curriculum outcomes/science – grade 6 curriculum outcomes)

Module 1 (September 4-October 11) – Science: Diversity of Living Things

Module 2 (October 18-November 15) – Social Studies: Understanding societies Past and Present

Module 3 (November 18-December 20) – Science: Flight

Module 4 (January 6-31) – Social Studies: Mesopotamia, Egypt & the Indus Valley

Module 5 (February 3-March 6) – Science: Electricity

Module 6 (March 9-27) – Social Studies: Ancient Greece & Rome

Module 7 (April 6-May 1) – Science: Exploring the Solar System

Modules 8&9 (May 4-June 30) – Social Studies: Transitioning to the Modern World (circa 500-1850)

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
- ✓ The Internet

Classroom tools and procedures:

1. Students need to maintain their science notebook. Students will keep a table of contents to organize notes, handouts, & assignments.
2. Students will be assigned their own cubical. Students will keep their binder/notebook in their cubical whenever not in Science class.

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.
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.

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: _____
