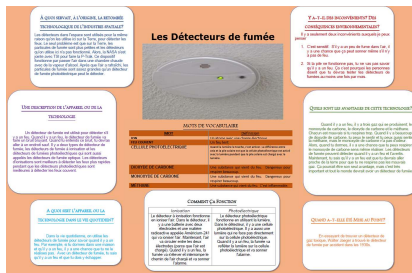


# Grade 9 - French Immersion Science (SNC1WF)



## TOPICS

- space exploration and technology
- constellations
- sun and moon
- planets
- eclipses
- celestial objects
- distances in the universe
- stars and galaxies

**TASK:** Spinoff technologies Poster



## Earth and Space Science : Space Exploration

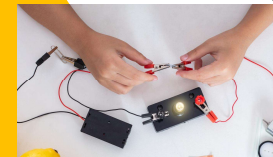
## TOPICS

- static electricity
- law of electric charges
- conductors and insulators
- electric current
- electric circuits (series vs parallel)
- renewable and non-renewable sources of energy
- energy conservation

**TASK:** Electrical Dissection of an electronic device and video presentation



## Physics: Principles and Application of Electricity



## Chemistry : The Nature of Matter

## TOPICS

- safe use of chemicals and lab equipment
- matter
- pure substances & mixtures
- periodic table
- metals and nonmetals
- atoms and molecules
- elements vs compounds

**TASK:** Video presentation of 3D Atom Model and Element Card



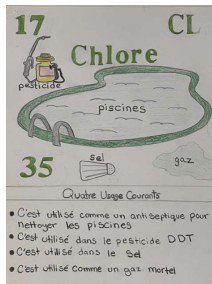
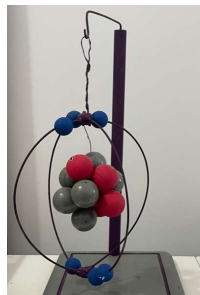
## Biology: Sustainable Ecosystems and Climate Change



## TOPICS

- ecosystems
- sustainability
- biotic and abiotic factors
- photosynthesis & cellular respiration
- food webs and energy
- human impacts on nutrient cycling

**TASK:** Durham Region Species Spotlight Poster



# FAQ

## **I took Science in English in Grade 8; will this affect my success in the course now that it is in French?**

- Not at all! The concepts being taught in French has no impact on overall understanding. Most of the Scientific Terminology is Latin based. Being a student in the French Immersion program has prepared you to be taught any course in either English or French. It is important that students utilize French in school AND at home to improve their level of competency and understanding.

## **Is Extra Help available?**

- Absolutely! Extra Help is available at lunch and after school. Students can coordinate with the teacher to plan a day and time.

## **Is there any homework?**

- In terms of "homework", regular review of new concepts is essential to retaining the material. However, there is class time given for practice work. If a student happens to not complete the in-class work, they may need to complete it at home.

## **Are there tests?**

- There is a unit test at the end of each unit. A review booklet will be provided, and study time is given in class.

## **Is there an ISU?**

- There are 4 unit tasks, 1 for each unit, see examples mentioned and illustrated on the chart.

## **Are there any other assignments?**

- There are in-class assignments throughout the semester that are spread across the various units.

## **Is there an exam?**

- There is a Lab Practical Exam at the end of the semester. Students will demonstrate their knowledge through a variety of tasks related to all four units.
- The Written Exam at the end of the semester consists of multiple choice, short answer questions and calculations. A periodic table and formulas are provided during the exam.