

SCIENCES NATURELLES 8 – FRANÇAIS IMMERSION
HIVER 2012

TEACHER: KARINE BÉLANGER

COURSE OUTLINE:

1. **Optics:** +- 25 days
 - i. Wave properties, visible light, electromagnetic spectrum
 - ii. Ray diagrams, mirrors, lenses
 - iii. Human vision, parts of the eye, cow eye dissection

2. **Cells and Systems:** 35 days
 - i. Microscopes, cells, diffusion, osmosis
 - ii. Body systems: digestive, circulatory, respiratory
 - iii. Immune system

3. **Fluids and dynamics:** 25 days
 - i. States of matter, fluids and density
 - ii. Forces, pressure, viscosity
 - iii. Fluids under pressure, natural fluid systems

MATERIAL:

Binder (1 1/2")
Paper (300)
Dividers (3) (notes, tests, labs)
Pencils, pens, pencil crayons
Ruler, calculator

EVALUATION:

Quizzes	20%
Tests	20%
Homework	15%
Projects/Labs	15%
Participation/French	10%
Final exam	20%

EXPECTATIONS FOR SCIENCES NATURELLES 8:

- **Communicate in French at all time in the classroom.****
- Show respect to your classmates, your teacher and the material.
- Be in class on time with ALL your material.
- Homework has to be completed on the due date. Homework not done gets a zero. However, projects and lab reports can still be handed in the next 3 days. Expect a 10% penalty per day.
- Turn off your cell phone. Electronic devices will be confiscated if they cause a disturbance to the class.
- Work missed during absence has to be done. Be responsible for making arrangements for missed homework, quizzes and tests.
- **Lab safety:** students must have a safety conscious attitude when in lab. Students who are not able to conduct themselves appropriately during labs will have seatwork assigned to them instead.
- The following textbook: Colombie Britannique Sciences 8 # _____ has been assigned to you, make sure it is returned in a similar condition at the end of this semester. Please no writing in or on it!
- Homework, projects, quizzes and tests are posted daily on the F.H.Collins web page under School Life, Gr. 8 Homework, Mme Bélanger or go directly to **<http://www.yesnet.yk.ca/schools/fhcollins/homework.html>**

** Expectations to speak French in class will be reinforced this semester.

This course outline, along with my expectations of behavior for students, is to be signed by the student and the parent/guardian and returned to me by **Thurs. Feb.2nd** . If you have any question or concern, please call me at 667-8665, come see me at school or email me at karine.belanger@yesnet.yk.ca

Student signature: _____ Date: _____

Parent/ Guardian signature: _____ Date: _____

Parent/ Guardian email address _____

Student email address _____