

# Sciences 8

## Oyster Pond Academy

### Mlle.MacAskill's Communication Plan



2016-2017

#### What materials do I need?

The following materials are required for this course. **Please check with your child throughout the year to ensure they still have enough pencils and paper.**

Binder	Graph paper	Becherelle
Looseleaf	Highlighter	
Pencils with erasers	French- English dictionary	
Pens	Water Bottle	

#### What happens if a student misses a class?

Students are responsible to find out what they have missed and get any notes and handouts. They must check the website for information and work, as well as get worksheets from the "Absentee?" folder when they return. Regular attendance is essential for success!

#### How will the teacher communicate homework?

Students will sometimes have homework. In addition to writing homework on the board, homework will also be posted on the website on a daily basis and be sent through the "Remind" app. It is recommended parents and students check the website every evening through the week. The website address is found near the end of this document.

#### When can I get Extra Help?

Every Monday during lunch from 12:05pm to 12:40pm in room 1121.

I am supervising the gymnasium during all other lunch hours, so students can find me there if they have quick questions.

Reminder: seek help **early** if you encounter difficulties before they become insurmountable!

#### What resources will I use?

"Omnisciences 8" textbooks will be kept in the classroom. If students require a textbook, they will be issued a copy to take home for the evening.

**Course Outline:** This course is divided into four major units. The units will be taught in the order they are listed below.

- 1. Cells, Tissues & Organ Systems:** characteristics of living things, plant and animal cells, diffusion and osmosis, cell division, cell specialization, water movement in plants, animal organ systems & factors that affect reaction time
- 2. Fluids:** fluid flow around objects, viscosity, measuring matter, density, buoyancy, effect of temperature of viscosity and density, & pressurized fluid systems
- 3. Optics:** light energy and it's sources, getting in lights way, describing images, reflecting light off of surfaces, using curved mirrors, refraction of light, the visible spectrum of light & additive/subtractive colour mixing.
- 4. Water Systems:** water in our world, compare salt and fresh water, the water cycle, human side of water systems, water treatment & disposal, glaciers, weather, climate, waves, tides & oil.

#### How will students be assessed?

Student understanding of outcomes will be assessed through student observation, conversations, and student performance on assignments, projects, quizzes and tests. The **dates of upcoming assessments will be posted on** the board in the classroom and on **the website**. It is very important for parents and students to check to website frequently. **Parents are also encouraged to track their child's progress via logging into PowerSchool. This shows marks on assessments and attendance.**

### Levels of Achievement

Each outcome is assessed three times, all within about two weeks; therefore students have multiple opportunities to succeed at each outcome. Formative assessments are given when learning a new outcome. This allows teachers to pinpoint any misunderstandings and provide students with feedback, so they can improve their understanding and do better on the next assessment with the same outcome. Every outcome will be assessed on a 4 - 1 scale. **1** or **2** are NOT meeting expectations, whereas **3** or **4** are meeting the expectations.

Achievement Level	Description
4	In - depth knowledge and understanding of content and concepts. Able to extend the application of related skills.
3+	Competent +
3	Competent knowledge and understanding of content and concepts. Appropriate application of the related skills.
2+	Developing +
2	Developing knowledge and understanding of content and concepts. Developing in the application of the related skills.
1+	Limited +
1	Limited knowledge and understanding of content and concepts. Limited application of related skills.

### Report Card Language

There are three terms in junior high, students will receive three report cards throughout the year. The report card will show a percentage mark for any units taught during the given term.

The following will be used to summarize the math performance pertaining to the math outcomes:

**90-100%** - excellent or outstanding understanding of the concepts.

**80-89%** - very good understanding of the concepts.

**70-79%** - good performance understanding of the concepts.

**60-69%** - satisfactory understanding of the concepts.

**50-59%** - minimally acceptable understanding of the concepts.

**Below 50%** - not met minimum requirements to show understanding of the concepts.

### How can students succeed in this class?

- Respect yourself and the classroom environment.
- **Communiquez seulement en français** ( Always communicate only in French.)
- Arrive on time and prepared for class.
- Review class notes nightly to reinforce concepts and develop a deeper understanding.
- Explain scientific concepts in your own words and create/ use examples to support it.
- Keep a positive attitude.
- Try your best and ask questions if you don't understand.
- "Take chances, make mistakes and get messy!"

**Science courses require commitment and students must take responsibility for achieving the learning outcomes. Students are encouraged to be prepared, stay organized, participate in class, and be committed to completing both the work in class as well as homework.**

Good luck in the course and remember to seek help early if you encounter difficulties before they become insurmountable. Have a fantastic year!

Parents/guardians and students are welcome to contact me anytime if you have any questions or concerns. Please see my contact information below:

Mlle. MacAskill

**Email:** macaskilla@hrsb.ca

**Website:** macaskill.weebly.com (also found as a link on the OPA website)

**School Phone:** 902-889-4301 Ext. 170-1211

## Confirmation of Reading the Sciences & MDV 8 Communication Plan

In order to insure that both students and parents/guardians have received and read this communication plan, I ask that you both sign this form and return it to me as soon as possible. I have also added a section for parents/guardians name, email and phone number so that I can be in contact with you regarding your son's/daughter's progress. This form will be saved for future reference. **Please keep the other pages of this communication plan for reference.**

We, the undersigned, attest to have read and understand the communication plan for Sciences and Mode de Vie 8 offered by Mlle.MacAskill at Oyster Pond Academy.

### Student's Homeroom

**Student's Name**

**Student Signature**

**Date**

**Parent's or Guardian's Name**

**Parent Signature**

**Date**

Parent/ Guardian 1 Name: \_\_\_\_\_

Phone number: \_\_\_\_\_

E-mail: \_\_\_\_\_

Parent/ Guardian 2 Name: \_\_\_\_\_

Phone number: \_\_\_\_\_

E-mail: \_\_\_\_\_