

**Curriculum Overview:**

Biology 3211 is an academic Pan-Canadian science course that aims to develop scientific literacy. Scientific Literacy is an evolving combination of the science related attitudes, skills, and knowledge students need to develop inquiry, problem-solving, and decision-making abilities; to become lifelong learners; and to maintain a sense of wonder about the world around them.

**Authorized Learning Resources:**
**Course Sequence:**

| Unit (Guide) | Categories (Gradebook)                       | % of time spent on unit | Hours of Instruction (including evaluation) | Category Weighting (Gradebook) |
|--------------|--|-------------------------|---|--------------------------------|
| 1            | Cell reproduction and the continuity of life | 27%                     | 31 Hours                                    | 27%                            |
| 2            | The Genetic basis of heredity                | 43%                     | 50 Hours                                    | 43%                            |
| 3            | Evolutionary change and Biodiversity         | 30%                     | 35 Hours                                    | 30%                            |
|              |  |                         |   |                                |
|              | Total  |                         | 116 Hours                                   | 100%                           |

| September                                    | October | November | December                  | January | February | March                             | April | May | June |
|--|---------|----------|---------------------------|---------|----------|-----------------------------------|-------|-----|------|
|  |         |          |                           |         |          |                                   |       |     |      |
| Cell Reproduction and the Continuity of Life |         |          | Genetic Basis of Heredity |         |          | Evolutionary Change and Diversity |       |     |      |
| Skills Integrated Throughout                 |         |          |                           |         |          |                                   |       |     |      |

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Tutorials: Upon request  
Remind app:

### **Academic Rigor- Science Dept.**

- **Lab Reports:** All submitted lab reports should follow the following format:
- Cover Page containing appropriate title, name of course, submitted to, by and date of submission. Appropriate graphics are encouraged but not required.
- Have the following:
  - Purpose
  - Materials
  - Hypothesis
  - Method
  - Variables
    - Manipulated
    - Responding
    - Control
  - Observations
  - Analysis
  - Conclusion
  - Sources of error
- Single sided only
- Neatly written or typed
- Only on loose leaf paper if handwritten- ( pages cannot be removed from notebooks)

### **Assignments and STSE's:**

- Single sided only
- Neatly written or typed
- Only on loose leaf paper if handwritten- ( pages cannot be removed from notebooks)
- Original work only. If additional sources are used, appropriate citations must be included.

\*individual teachers may modify the above lab report outline at their discretion.