

Course Name: Grade 12 Biology (40S)

Teacher: Ryan Maksymchuk

Contact Information:

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Course Description: This course will help students develop life science proficiency in order to succeed at subsequent levels of further study. Attention will obviously be paid to life fundamentals as well as science generally within the context of technology and 21st learning.

Framework Reference (Government of Manitoba Web Document)

http://www.edu.gov.mb.ca/k12/cur/science/found/gr12_bio/index.html

Textbook: “Inquiry Into Life”; 11th edition; McGraw-Hill Glencoe Higher Education. Mader, 2006.

Resources: Many print and web-based resources will exist to inform students with respect to curriculum topics. Students are encouraged to attend regularly in order to stay current with course material.

Required Materials: writing materials (including a binder / notebook system with blank paper), separate notebook strongly recommended, pen(s), pencil(s) including various colours, earbuds/headphones, index cards

Units of Study:

Genetics

Mechanisms of Inheritance

Understanding Biological Inheritance

Biodiversity

Evolutionary Theory and Biodiversity

Organization of Biodiversity

Conservation of Biodiversity

Course Evaluation:

Final Examination	(Mandatory)	30%
Summative Assessments	(Tests)	50%
Summative Assessments	(Non-tests)	10%
(non-test based assessments, projects, quizzes, lab work, etc.)		
Model Creation (as discussed in class)		10%
Formative Assessments		0%
(including homework, daily work, attendance, participation, etc.)		

***ALL assigned work is due and expected. No course credit will be granted unless all assessments/required items are submitted. "Taking a zero" is an unacceptable option. Having said that, late assignments, while still expected, will receive a zero grade if they are submitted after a unit of study time has passed.

***Students with an average score of < 50% or a significant number of unaccounted for absences may be denied the opportunity to write the final exam at the discretion of the instructor. Students who do not write the exam cannot receive course credit unless other arrangements are made with SVRSS administration.

Assessment Guidelines (formative/summative) - students will be evaluated formatively (for learning) on an ongoing basis by the instructor. These assessments will not count toward grades, and will not be recorded in PowerSchool. Grades in PowerSchool should be regarded as summative assessments (evaluating learning), and as such, will appear in PowerSchool.

Learning Behaviours - students are encouraged to be present, both physically and mentally, and to try their best at all times. Interaction with lessons and questions, as well as participating in conversations during class instruction are encouraged always. Students are always encouraged to develop personal learning responsibility by knowing when / where to use personal devices.

Class Expectations -(including digital citizenship) as per class policies (available as a separate document)