

# Physical Geography

## CGF 3MI (University/College)



This course is designed to provide students with grounding in physical geography, expanding on their knowledge from Grade 9. In addition it will help them develop the skills needed for academic success in the post secondary environment. The course will use a variety of approaches, including text based, computer mapping, model construction and field work. Enjoy the semester!

Unit	Topics
3 <sup>rd</sup> Rock From the Sun	review of geographic foundations, mapping, themes of geography, birth of the planet, structure, energy systems
Lithosphere	plate tectonics, earthquakes, volcanism, rock cycle, weathering, glaciation
Hydrosphere	hydrologic cycle, precipitation, runoff, groundwater, global circulation, hydrology, cryosphere
Atmosphere	structure of the atmosphere, energy budget, coriolis effect, weather and climate, microclimates, tornadoes, hurricanes, collecting data, chaos theory, climate issues
Biosphere	natural systems, biomass, topical rainforest, subtropical and continental ecoregions

### Text Book

*Earth Matters*, Ron Chasmer, Oxford University Press, 2001 (bring it every day!)

### Required Materials

Each student is required to have: a suitable binder for notes (notebooks may be handed in for evaluation during the course), lined paper, a set of coloured pencils (8 at least), pens, pencils, calculator (not on a cell phone or music device) and a ruler. Arrive each day fully prepared.

### Field Work

The best way to study the physical environment is to experience it first hand. As a result, the course will include as much field work as possible. Details will follow shortly. This year we will also be trying to include some hands on lab exercises. You will be assigned a group for the lab portion. You are responsible for making up any missed labs.

### Web Site

The course web site is currently under construction. Material will be added during the course.

<http://schools.wrdsb.ca/hrh/academics/geography-department/cgf3mi-physical-geography>



## Evaluation

Summative Assignments	20%
Tests/quizzes	20%
MSIP Activities	10%
ISU	10%
Field/lab work	10%
Culminating Activities	10%
Exam	20%
<b>Total</b>	<b>100%</b>

Summative assignments will be given for each unit. At the conclusion of each unit there will also be a major test. They will be announced at least one week in advance. If you are unable to write on the day of the test due to a valid absence, you must make arrangements to write at the next possible opportunity, normally MSIP on the day of your return.

Major assignments will have a due date and a “drop dead” date, beyond which they WILL NOT be accepted. Make every attempt to turn work in on time and complete.

"All courses at Huron Heights conform to the assessment, evaluation and reporting policies and procedures of the Waterloo Region District School Board. Please visit our website ([hrh.wrdsb.ca](http://hrh.wrdsb.ca)) for more information"

## Student Planner

Please take a few minutes to re-read the following sections of your planner:

Student Behaviour  
Athletes Code of Conduct

Library  
Assessment and Evaluation

Please note that cell phones, MP3's etc are not allowed in this class.  
If you have them in your possession they MUST be inaccessible.

Completion of assignments and regular review are vital to your success! Keep your notes organized and complete. Catch up on missed work. Every attempt will be made to assist you in achieving success in this course!

### Student

I have read and understood this course outline, including the indicated sections of my planner.

Name \_\_\_\_\_

Signature \_\_\_\_\_

### Parent/guardian

My student has reviewed this course outline with me.

Name \_\_\_\_\_

Signature \_\_\_\_\_