CURRICULUM MAP – September 2016 – January 2017

***Revised Sep. 2016***

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| ***School:* OHS** | ***Teacher(s):* Mrs. Côté** | ***Grade/Level:* 110** | ***Discipline:* Physical Geography** |

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| ***Year:* 2016-2017** | September ***~1 week*** | September/October ***~3weeks*** | October/November ***~4 weeks*** | November/December ***~5 weeks*** | December/January ***~3 weeks*** |
| ContentThemeTopic Area | **Unit 1: The Nature of Physical Geography**  What is distinctive about the physical geographer’s perspective on the world and methods of study? | **Unit 2: The Earth in Space**  What are the earth’s relationships to the other parts of the universe? | **Unit 3: The Structure of the Earth**  What is the internal structure of the earth?  How was our knowledge of the structure obtained? | **Unit 4: From Continental Drift to Plate Tectonics**  Why do scientists believe that the earth’s crust is in constant motion?  How have these motions influenced the nature of the earth’s surface? | **Unit 5: Map, Photo, and Satellite Image Interpretation**  What methods does the geographer use to portray and model the physical environment?  How does the geographer interpret the world through the use of maps, air photos, and satellite imagery? |
| Outcomes | 1. Appreciate the scope and purpose of physical geography.  2. Identify key concepts of the subject. | 1. Understand the structure and relationship of various parts of the universe.  2. Understand the size of the universe.  3. Explain various theories for the origin of the universe including the earth.  4. Appreciate and discuss the uniqueness of planet earth within the solar system.  5. Explain the relationships between earth movements and (a) time and (b) seasons. | 1. Explain the source and consequences of the earth’s internal heat.  2. Explain how knowledge of the earth’s internal structure has been obtained.  3. Describe the internal structure of the earth’s interior and its significance. | 1. Understand the origin and diversity of rocks.  2. Identify major rock types.  3. Describe and account for the ongoing evolution of the earth’s crust.  4. Describe and account for the distribution of earthquakes, volcanoes, major mountain chains and ocean trenches.  5. Assess the effects of earthquakes and volcanism. | 1. Interpret topographic maps, air photos, and satellite images.  2. Draw simple sketch maps.  3. Understand the capabilities of modern technologies such as remote sensing to gather geographic information.  4. Be aware of the application of these resources in daily life and in a variety of careers. |
| Skills ***(On-going)*** | - Reading and writing skills with an emphasis on the language of geography.  - Practice observation skills, the collection and classification of data and the development of hypotheses and generalizations based on this data.  - describe past human behaviours which have put life at risk and identify ways in which individuals can act to protect and improve the quality of the environment. | - Reading and writing skills with an emphasis on the language of geography.  - Practice observation skills, the collection and classification of data and the development of hypotheses and generalizations based on this data.  - Practice in illustration and diagram skills.  - Library research to develop a project, obtain current information, and verify hypotheses. | - Reading and writing skills with an emphasis on the language of geography.  - Practice observation skills, the collection and classification of data and the development of hypotheses and generalizations based on this data.  - Practice in illustration and diagram skills. | - Reading and writing skills with an emphasis on the language of geography.  - Practice observation skills, the collection and classification of data and the development of hypotheses and generalizations based on this data.  - Practice in illustration and diagram skills. | - Practice in illustration and diagram skills.  - Practice graphic and mathematical skills as they apply to geography.  - Analyze and interpret thematic maps, topographic maps, air photos, and satellite images. |
| Assessment ***(On-going)***  *Formative & Summative* | Assignment, Activities/Exploratory Learning, Illustrations, teacher created worksheets, bell work questions | Unit Test, Assignments, Activities/Exploratory Learning, Illustrations, Research Project, Final Exam | Unit Test, Assignments, Activities/Exploratory Learning, Illustrations, Final Exam | Unit Test, Assignments, Activities/Exploratory Learning, Illustrations, Final Exam | Unit Test, Assignments, Activities/Exploratory Learning, Illustrations, GeoLabs, Final Exam |
| Key Resources | - *Planet Earth: A Physical Geography* Text & Teacher’s Resource Package.  - *Earth: An Introduction to Physical Geology*  - Related Websites.  - SMART Board | - Physical Geography 110: Portraits of a Planet Curriculum Document.  - *Planet Earth: A Physical Geography* Text & Teacher’s Resource Package.  - Physical Geography 110 On-Line  - Related Websites.  - Related Videos.  - SMART Board | - Physical Geography 110: Portraits of a Planet Curriculum Document.  - *Planet Earth: A Physical Geography* Text & Teacher’s Resource Package.  - Related Websites.  - Related Videos.  - Physical Geography 110 On-Line  - SMART Board | - Physical Geography 110: Portraits of a Planet Curriculum Document.  - *Planet Earth: A Physical Geography* Text & Teacher’s Resource Package.  - Related Websites.  - Related Videos.  - Physical Geography 110 On-Line  - SMART Board | - Physical Geography 110: Portraits of a Planet Curriculum Document.  - *Planet Earth: A Physical Geography* Text & Teacher’s Resource Package.  - *Geographic Understandings.*  - *GeoLabs 1,2,&3*.  - Related Websites.  - Related Videos.  - Physical Geography 110 On-Line  - SMART Board |