

**Student Success Essentials – Grade 11 Physical Geography, Lakeshore Collegiate**

<b>Essentials – Content</b>	<b>Essentials – Concepts</b>	<b>Essentials - Skills</b>
<ul style="list-style-type: none"> <li>• The origin and internal structure of the earth</li> <li>• Principle features of the earth’s surface and their interactions and energy flows (atmosphere, lithosphere, biosphere, hydrosphere)</li> <li>• Physical processes that create earth’s surface features (landforms, soil, vegetation, etc)</li> <li>• Climatic processes (climate change, atmospheric science, extreme weather events)</li> <li>• Make connections to physical geography careers</li> <li>• Natural disasters (connections between human and natural systems)</li> <li>• Cross-boundary resources</li> </ul>	<ul style="list-style-type: none"> <li>• Understand how the earth provides for humans</li> <li>• Understand how humans impact natural systems and vice versa</li> <li>• Analyze local, regional, and global issues related to physical geography</li> <li>• Understand the global distribution of landforms, climate, soils, and vegetation</li> <li>• Understand geological time</li> <li>• Understand the relationship between the earth and the solar system</li> </ul>	<ul style="list-style-type: none"> <li>• Geographical Information Systems (GIS)</li> <li>• Creating and interpreting maps</li> <li>• Data analysis (graphing, understanding and interpreting visuals)</li> <li>• Uses citations and works cited to acknowledge source of information used in research projects</li> <li>• Writing an opinion and defending it with research</li> <li>• Contributes ideas and information on physical geography topics in a brief oral presentation in front of the class</li> <li>• Participating in and developing field work projects</li> </ul>