

Science Grade 7 Earth and Space Science: Earth's Crust and Resources (EC)					
Outcome		1 - Beginning	2 – Approaching	3 – Meeting	4- Exemplary
		The student is having difficulty demonstrating an understanding of the concept.	The student is developing an understanding of the concept.	The student consistently demonstrates an understanding of the concept or has achieved the concept.	The student independently demonstrates an in-depth understanding of the concept, and consistently applies this knowledge to new situations.
EC7.1 Analyze societal and environmental impacts of historical and current catastrophic geological events, and scientific understanding of movements and forces within Earth's crust.	Impacts on society and the environment	<ul style="list-style-type: none"> ● I can describe different catastrophic geological events. 	<ul style="list-style-type: none"> ● I can explain the impact that catastrophic geological events have on society OR the environment using evidence from reading about or viewing present OR past events. 	<ul style="list-style-type: none"> ● I can explain the impact that catastrophic geological events have on society AND the environment using evidence from reading about or viewing present AND past events. 	<ul style="list-style-type: none"> ● I can propose possible strategies to reduce the impact of catastrophic geological events on society.
	Forces and Movements in Earth's Crust	<ul style="list-style-type: none"> ● With help, I can describe the current scientific understanding of movements and forces within the Earth's crust. 	<ul style="list-style-type: none"> ● I can describe the current scientific understanding of movements and forces within the Earth's crust. 	<ul style="list-style-type: none"> ● I can compare the different movements and forces within the Earth's crust as well as their effects. 	<ul style="list-style-type: none"> ● I can design a model or simulation to compare the different movements and forces within the Earth's crust.
Comments					

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EC7.2 Identify locations and processes used to extract Earth's geological resources and examine the impacts of those locations and processes on society and the environment.	Locations	<ul style="list-style-type: none"> • With help, I can identify locations of primary mineral resources within Saskatchewan. 	<ul style="list-style-type: none"> • I can identify locations of primary mineral resources within Saskatchewan. 	<ul style="list-style-type: none"> • I can identify locations of primary mineral resources within Saskatchewan as well as throughout the world. 	<ul style="list-style-type: none"> • I can identify locations of primary mineral resources within Saskatchewan as well as throughout the world using a variety of maps and technological support.
	Processes	<ul style="list-style-type: none"> • With help, I can give examples of a few processes used to extract primary mineral resources within Saskatchewan. 	<ul style="list-style-type: none"> • I can give examples of several processes used to extract primary mineral resources within Saskatchewan. 	<ul style="list-style-type: none"> • I can explain examples of a variety of processes used to extract primary mineral resources within Saskatchewan as well as throughout the world. 	<ul style="list-style-type: none"> • I can compare the materials needed in a variety of processes used to extract primary mineral resources within Saskatchewan as well as throughout the world.
	Impacts on society and the environment	<ul style="list-style-type: none"> • With help, I can explain some impacts of the processes used to extract mineral resources on society OR the environment. 	<ul style="list-style-type: none"> • I can explain some impacts of the processes used to extract mineral resources on society OR the environment. 	<ul style="list-style-type: none"> • I can explain the impacts of the processes used to extract mineral resources on society AND the environment. 	<ul style="list-style-type: none"> • I can rank the processes used to extract mineral resources on society AND the environment according to their impact on society and the environment.
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EC7.3 Investigate the characteristics and formation of the surface geology of Saskatchewan, including soil, and identify correlations between surface geology and past, present, and possible future land uses.	Characteristics	<ul style="list-style-type: none"> I can carry out simple processes to identify the characteristics of surface geology in Saskatchewan. 	<ul style="list-style-type: none"> I can carry out simple processes with some accuracy to identify the characteristics of surface geology, in Saskatchewan. 	<ul style="list-style-type: none"> I can carry out processes accurately to describe the characteristics of surface geology in Saskatchewan, including soil. 	<ul style="list-style-type: none"> I can design and carry out an accurate investigation to describe the characteristics of surface geology in Saskatchewan, including soil.
	Formation	<ul style="list-style-type: none"> With help, I can list some human and natural forces that cause surface geology changes in Saskatchewan. 	<ul style="list-style-type: none"> I can list some human and natural forces that cause surface geology changes in Saskatchewan. 	<ul style="list-style-type: none"> I can explain the human and natural forces that cause surface geology changes in Saskatchewan. 	<ul style="list-style-type: none"> I can propose some benefits and challenges connected to surface geology changes in Saskatchewan caused by human and natural forces.
	Land use	<ul style="list-style-type: none"> I can identify a few current OR past land use practices in Saskatchewan. 	<ul style="list-style-type: none"> I can describe some of the current OR past land use practices in Saskatchewan 	<ul style="list-style-type: none"> I can explain the impacts of current AND past land use practices in Saskatchewan. 	<ul style="list-style-type: none"> I can defend a future land use plan based on my knowledge of current and past land use practices in Saskatchewan.
Comments					



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