

Science Grade 8

June 2020

Science Grade 8 Earth and Space Science: Water Systems on Earth (WS)								
Outcome		1 - Beginning The student is having difficulty demonstrating an understanding of the concept.	2 – Approaching The student is developing an understanding of the concept.	3 – Meeting The student consistently demonstrates an understanding of the concept or has achieved the concept.	4-Exemplary The student independently demonstrates an in-depth understanding of the concept, and consistently applies this knowledge to new situations.			
WS8.1 I can analyze the impact of natural and human- induced changes to the characteristics and distribution of water in local, regional, and national ecosystems.	Natural changes	 I can describe the impact of natural changes on the characteristics OR distribution of water in local, regional, OR national ecosystems. 	 I can explain the impact of natural changes on the characteristics OR distribution of water in local, regional, OR national ecosystems. 	• I can explain the impact of natural changes on the characteristics AND distribution of water in local, regional, OR national ecosystems.	 I can make and defend judgments on the impact of natural changes on the characteristics AND distribution of water in local, regional, AND national ecosystems. 			
	Human-induced changes	• I can describe the impact of human- induced changes on the characteristics OR distribution of water in local, regional, OR national ecosystems.	 I can explain the impact of human-induced changes on the characteristics OR distribution of water in local, regional, OR national ecosystems. 	• I can explain the impact of human-induced changes on the characteristics AND distribution of water in local, regional, OR national ecosystems.	 I can make and defend judgments on the impact of human- induced changes on the characteristics AND distribution of water in local, regional, AND national ecosystems. 			
Comments								



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WS8.2 Examine how wind, water, and ice have shaped and continue to shape the Canadian landscape.	 I can explain the connection between water movement and the processes of weathering, erosion, OR deposition, with help. 	 I can explain the connection between water movement and the processes of weathering, erosion, OR deposition. 	• I can explain the connection between water movement and the processes of weathering, erosion, AND deposition.	 I can compare the effect of water movement on the processes of weathering, erosion, AND deposition. 			
	• I can explain how wind, water, OR ice have shaped OR continue to shape the Canadian landscape.	• I can explain how wind, water, OR ice have shaped AND continue to shape the Canadian landscape, with some examples.	• I can explain how wind, water, AND ice have shaped AND continue to shape the Canadian landscape, with specific details and examples.	• I can propose the impact of the effects of wind, water, AND ice on the Canadian landscape, with specific details and examples.			
Comments		•	·				



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WS8.3 I can analyze natural factors and human practices that affect productivity and species distribution in marine and fresh water environments.	Natural factors	 I can identify some natural factors that affect productivity and species distribution in marine and fresh water environments, with help. 	• I can identify some natural factors that affect productivity and species distribution in marine and fresh water environments.	 I can identify and describe natural factors that affect productivity and species distribution in marine and fresh water environments, with details and examples. 	• I can draw supported conclusions about the intensity of natural factors that affect productivity and species distribution in marine and fresh water environments.				
	Human practices	 I can identify a few human practices that affect productivity and species distribution in marine and fresh water environments, with help. 	• I can identify a few human practices that affect productivity and species distribution in marine and fresh water environments.	• I can identify and describe human practices that affect productivity and species distribution in marine and fresh water environments, with details and examples.	 I can defend some conclusions around the effects of natural factors and human practices on productivity and species distribution in marine and fresh water environment. 				
Comments		·	·						