

Science Grade 9 Earth and Space: Exploring Our Universe (EU)				
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.
EU9.1 Inquire into the motion and characteristics of astronomical bodies in our solar system and the universe.	<ul style="list-style-type: none"> • I can carry out simple processes to describe the motion OR characteristics of some astronomical bodies in our solar system and the universe 	<ul style="list-style-type: none"> • I can carry out simple processes with some accuracy to describe the motion AND characteristics of some astronomical bodies in our solar system and the universe. 	<ul style="list-style-type: none"> • I can carry out processes accurately to describe the motion AND characteristics of many astronomical bodies in our solar system and the universe. 	<ul style="list-style-type: none"> • I can design and carry out an accurate investigation to describe the motion AND characteristics of a variety of astronomical bodies in our solar system and the universe.
Comments				

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EU9.2 Analyze scientific explanations of the formation and evolution of our solar system and the universe.	<ul style="list-style-type: none"> • With help, I can compare relevant information and explanations of the formation and evolution of the solar system OR universe. 	<ul style="list-style-type: none"> • I can compare relevant information and explanations of the formation and evolution of the solar system OR universe. 	<ul style="list-style-type: none"> • I can compare relevant information and explanations of the formation and evolution of the solar system AND universe. 	<ul style="list-style-type: none"> • I can identify new questions AND problems that arise from explanations and information I have found on the formation and evolution of our solar system AND universe.
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EU9.3 Examine how various cultures, past and present, including First Nations and Métis, understand and represent astronomical phenomenon.	<ul style="list-style-type: none"> • I can communicate how First Nations and Metis peoples understood and represented astronomical phenomenon. 	<ul style="list-style-type: none"> • I can communicate with details how First Nations and Metis peoples understood and represented astronomical phenomenon. 	<ul style="list-style-type: none"> • I can communicate with examples and details how several different cultures past AND present, including First Nations and Metis, understood and represented astronomical phenomenon. 	<ul style="list-style-type: none"> • I can identify common characteristics in the stories cultures past and present used to understand and represent astronomical phenomenon, with specific examples.
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EU9.4 Analyze human capabilities for exploring and understanding the universe, including technologies and programs that support such exploration.	<ul style="list-style-type: none"> I can identify a few particular technologies designed to explore natural phenomena or solve practical problems related to that exploration. 	<ul style="list-style-type: none"> I can describe a few particular technologies designed to explore natural phenomena or solve practical problems related to that exploration. 	<ul style="list-style-type: none"> I can describe in detail several particular technologies designed to explore natural phenomena or solve practical problems related to that exploration. 	<ul style="list-style-type: none"> I can describe the positive and negative effects of several particular technologies designed to explore natural phenomena or solve practical problems related to that exploration.
	<ul style="list-style-type: none"> I can identify the contributions of space programs from Canada OR another country to the exploration and understanding of the universe. 	<ul style="list-style-type: none"> I can describe the contributions of space programs from Canada OR another country to the exploration and understanding of the universe. 	<ul style="list-style-type: none"> I can describe the contributions of space programs from Canada AND a variety of countries to the exploration and understanding of the universe. 	<ul style="list-style-type: none"> I can compare the contributions of space programs from Canada AND a variety of countries to the exploration and understanding of the universe.
Comments				