

Unit 5 Debrief Conversation Rubric

Topic	Criteria			Points
	Expert (3 points)	Apprentice (2 points)	Novice (1 point)	
Finding the missing coordinates of a triangle using a starting coordinate and side lengths	The student can clearly explain the process of finding the x, y, and z-coordinates of a missing point, supporting their explanation with an example from the Unit.	The student can partially explain the process of finding the x, y, and z-coordinates of a missing point, but cannot fully support their explanation with an example from the Unit.	The student cannot explain the process of finding the x, y, and z-coordinates of a missing point.	
Coding the 6-Axis Arm to draw shapes	The student can fully explain, including examples, how they coded the 6-Axis Arm to draw a triangle, as well as a square, parallelogram or rectangle.	The student can partially explain how they coded the 6-Axis Arm to draw a triangle, but not any of the other shapes.	The student cannot explain how they coded the 6-Axis Arm to draw any of the shapes in the Unit.	
Identifying the movement of the 6-Axis Arm along multiple axes	The student can comprehensively describe how the 6-Axis Arm moves along the x, y, and z-axes both individually and simultaneously.	The student can provide a basic description of how the 6-Axis Arm moves along the x, y, and z-axes both individually and simultaneously.	The student cannot describe how the 6-Axis Arm moves along the x, y, and z-axes individually or simultaneously.	
Notes:				Total: