Unit 1 Debrief Conversation Rubric

Topic	Criteria			Points
	Expert (3 points)	**Apprentice (2 points)**	**Novice (1 point)**	
Build and Connect the 6-Axis Arm to VEXcode	The student can fully build and connect the 6-Axis Arm to a device with VEXcode	The student can partially build and connect the 6-Axis Arm to a device with VEXcode	The student cannot build and connect the 6-Axis Arm to a device with VEXcode	
Estimating (x, y, z) Coordinates	The student can fully explain, including an example, how they estimated (x, y, z) coordinates based on the distance from the origin to the TCP of the 6-Axis Arm.	The student can partially explain how they estimated (x, y, z) coordinates based on the distance from the origin to the TCP of the 6-Axis Arm.	The student cannot explain how they estimated (x, y, z) coordinates based on the distance from the origin to the TCP of the 6-Axis Arm.	
Using Manual Movements to Gather (x, y, z) Coordinates	The student can fully explain, including an example, how they used manual movements to gather (x, y, z) coordinates.	The student can partially explain how they used manual movements to gather (x, y, z) coordinates.	The student cannot explain how they used manual movements to gather (x, y, z) coordinates.	
Notes:				**Total:**