RoboPet Technical Judging Scoresheet	4-H STEM Extravaganza	Missouri 4-H

Robotics Team Name: _____ **Judge Names:**
_____

Criteria				Points
5	10	15	20	
Program is disorganized	Program is somewhat organized	Program is organized	Program is logically organized	
Program is inefficient	Program is efficient at completing some tasks	Program is efficient at completing most tasks.	Program is very efficient	
Team members can't describe what run will do	Team members can describe part of the program	Team members can describe most of the program	Team members can describe the RoboPet routine and reference the program	
Team members are not able to describe program variations that were considered but not implemented	Team members can describe at least one discarded variation that was an <u>optional</u> element of the challenge	Team members can describe at least one discarded variation that was a <u>required</u> element of the challenge	Team members can describe programming options they discarded and provide a rationale for their final decisions	

Little knowledge of why some parts are located as they are on the robot. Little or no understanding of what pieces do.	Knowledge of robot structure and programming shows minimal understanding of underlying design, science, and technology.	Knowledge of robot structure and programming shows moderate understanding of underlying design, science, and technology.	Knowledge of robot structure and programming shows thorough understanding of underlying design, science, and technology.	
Total Points (100 max)				

Comments: