RoboCup Junior (New Zealand)
2017 THEATRE INTERVIEW

Team Name: _____

School: _____

(tick one)

PRIMARY

SECONDARY

Robot Design & Construction **The appearance and construction of the robot shows…**	**TOTALS**
Design & construction was largely students' own Commercial robot = 0, commercial kit = 1-2, hand-built = 3-4	/4
Design & construction resulted in a stable build	/2
Gearing, linkages, pivots, (other non-basic features) used in design and drive mechanisms (reward design for complexity IF it aids movement or has solved a problem)	/4
Students successfully addressed problems of robot balance and structural soundness in design in performance application (eg: What problems did you have with your robot build once you started to program? What solutions did you find?)	/4
Evidence of authenticity and evolution (Logbook, journal, photographic record or similar provided to convey ideas tried and discarded, progressive evolution of students' design and original ideas.)	/6
TOTAL	**/20**

Programming and Preparation **Through experience, research and teamwork the team shows:**	
They can explain, describe and understand their program thoroughly (eg: what does this section of program tell the robot to do? If I changed this part to become x, what effect would that have on the robot?)	/4
Complex, innovative or original programming used or programming level appropriate to age and expertise level[1] (eg: use of jumps/lands, loops, nested sections, blocks, switch statements, creation of own icons or sequences, etc)	/4
They are able to explain connections between the program and soundtrack. (eg: How did you program your robot movements to be appropriate for different parts of the performance.	/2
They learnt from their experience in preparing for the competition?	/2
They shared their learning with others? (eg: How did you work as a team? Share the tasks? How did you make decisions? If only one member of the team, what did you do to share your learning with others?)	/2
TOTAL	**/14**

Sensors & Technology **Robot shows…**	**TOTALS**
Use of sensors &/or communication: (eg: programming to respond to sensors, use of sensors to trigger next part of performance, evidence of programming to keep the robot within the stage boundaries, in-built timer to monitor duration of performance, use of communication between robots to assist location, timing, etc)	/3
Use of other technologies: (eg: use of unusual technologies such as infra-red, sonar, GPS etc)	/3
TOTAL	**/6**

[1]*Servo motors do not use programming structure comparable to rotary motors – judges should make allowance for this when scoring robots using such programs.*

TOTAL SCORE /40