

SCORECARD: Circuits (Grades 4-6)

+ DIRECTIONS

Provide your teacher with the team scorecard when you are ready to test your prototype. Your teacher will complete the chart below by circling the scores your prototype received for each of the criteria. Your teacher will calculate your score. Decide as a team if you can improve your score.

CRITERIA	2 POINTS	1 POINT	0 POINTS	SCORE
COLLABORATION	The design has elements contributed by all team members.	The design has elements contributed by two team members.	The design does not have elements contributed by each team member.	
LIGHT	The Wigglebot incorporates at least one LED and all light up.	The Wigglebot incorporates at least one LED but one or more does not light up.	The Wigglebot does not have any LEDs.	
MOVEMENT	The Wigglebot incorporates a motor and vibrates.	The Wigglebot incorporates motor but does not vibrate.	The Wigglebot does not have a motor.	
STABILITY	The Wigglebot runs for 30 seconds without falling over without marker caps.	The Wigglebot runs for 15 seconds without falling over without marker caps or runs for 30 seconds without falling over with marker caps.	The Wigglebot is unable to stand up on its own when powered.	
BUDGET USED	\$10.00 or less	\$10.01 - \$20.00.	\$20.01 or more.	
BONUS: TECHNICAL DRAWING	The Wigglebot has a technical drawing that includes all parts of the circuit and energy transformations labelled.	The Wigglebot has a technical drawing that includes all parts of the circuit and energy transformations but is not fully labelled.	The Wigglebot does not have a technical drawing.	
TOTAL SCORE				