SCORECARD: Biomimicry (Grades 5, 7)

+ 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.	
ANIMAL INSPIRATION	The design has been pulled from nature and no explanation is needed to explain the inspiration.	The design has been pulled from nature but requires an explanation to see the inspiration.	The design has not been pulled from nature.	
OPEN WATER BOTTLE	The prosthesis is able to hold the water bottle firmly enough to have the water bottle opened.	The prosthesis is able to hold the water bottle but requires additional help operating the prosthesis to hold the water bottle firmly enough to have the water bottle opened.	The prosthesis is unable to hold the water bottle firmly enough to have the water bottle opened.	
PUT DOWN WATER BOTTLE	The prosthesis is able to lift the water bottle and put it down without the water bottle falling over.	The prosthesis is able to lift the water bottle, but the water bottle falls over.	The prosthesis is unable to lift the water bottle.	
GRAB WATER BOTTLE	The prosthesis is able to grab the water bottle and hold it for 30 seconds or more.	The prosthesis is able to grab the water bottle and hold it for 15-29 seconds.	The prosthesis is unable to grab the water bottle and/or hold it for 15 seconds.	
BUDGET USED	$60 or less.	$61 - $100.	$101 or more.	
BONUS: ONE-HANDED PROTOTYPE	The prosthesis is fully operational with using only a single hand.	The prosthesis is partially operational with using only a single hand.	The prosthesis cannot be operated using only a single had.	
			TOTAL SCORE	

LEARNING UNDEFEATED

Texas Education Agency