

## SCORECARD: River Crossing (Grades 3, 7-8)

### + 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	POINTS			SCORE
	2	1	0	
<b>COLLABORATION</b>	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.	
<b>BRIDGE LENGTH</b>	The bridge comfortably spans the river and is not at risk of falling into the river.	The bridge spans the river but may need some support to prevent it from falling into the river.	The bridge is not long enough to cross the river.	
<b>WEIGHT</b>	The entire bridge is able to support the weight of the wagon and cart.	Only some parts of the bridge are able to support the weight of the wagon and cart.	The bridge is unable to support the weight of the wagon and cart.	
<b>TRANSPORTATION</b>	The bridge allowed for the safe and smooth passage of the wagon and cart.	The bridge allowed the wagon and cart passage but required some force to travel.	The bridge was unable to accommodate for transportation of the wagon and cart.	
<b>BUDGET USED</b>	\$100 or less.	\$101 - \$200.	\$201 or more.	
<b>BONUS POINTS: HEAVY LOAD</b>	The bridge is able to support a cart with 3x the load.	The bridge is able to support a cart with 2x the load.	The bridge is unable to support a cart with an additional load.	
			<b>TOTAL SCORE</b>	