

SCORECARD: Flood Barriers (Grades 3-4)

+ 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 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.	
FLOODING	The protected property zone does not have any water.	The protected property zone has minimal flooding (less than 0.6 cm of water).	The protected property zone has a significant amount of flooding (more than 0.6 cm of water).	
HEIGHT	The flood barrier is at least 2.5 cm high in all sections.	The flood barrier is at least 2.5 cm high in some sections but lower than 2.5 cm in others.	The flood barrier is lower than 2.5 cm.	
STRUCTURAL INTEGRITY	The flood barrier did not topple over or break.	The flood barrier may have toppled but did not have a hole or break.	The flood barrier broke apart.	
BUDGET USED	\$79 or less.	\$80 – \$100.	\$101 or more.	
BONUS: FULL PROTECTION	Flood barriers were used on all four sides of the protected property zone.		Flood barriers were used on 3 or fewer sides of the protected property zone.	
			TOTAL SCORE	