

Name:

Date:

Class:

Decision Matrix: Hydraulic Bridge Design

Student Ideas	Criteria & Constraints					Results	
	Is a minimum of 12 inches in length.	Includes at least 2 syringes to facilitate movement.	Identify where the syringes and tubing will connect to provide balanced movement.	Ensure the design accounts for fluid movement from the syringes to lift the bridge evenly.	Incorporate features like triangular supports or cross-bracing for added strength.	Score	Notes
						0	
						0	
						0	
						0	
SCORING GUIDE:	4	3	2	1	2	1	
	BEST			WORST	YES	NO	

BROUGHT TO YOU BY