

Decision Matrix Worksheet

Name: _____

Fill in your design requirements and the names for your possible solutions. Then use a numeric evaluation scale to rate each solution against each of the requirements and criteria (2 = totally meets the requirements, 1 = somewhat meets the requirements, 0 = does not meet the requirements). Total up the columns to see which solution is best.

Design Requirements and Criteria	Solution #1:	Solution #2:	Solution #3:	Solution #4:
Vour requirement #1.				
Tour requirement #1.				
Your requirement #2:				
Your requirement #3:				
Your requirement #4:				
Other criteria:				
Lump together a single rating for your own				
"nice-to-have," desirable criteria and				
universal design criteria, such as:				
Elegance				
Is the solution simple, clever, or ingenious?				
KODUSTNESS Is the solution sturdy, resilient, and unlikely to fail?				
Aesthetics				
Is the solution tasteful and pleasing to look at?				
Cost&Resources				
Time				
Do have time to make the solution and debug it?				
SkillRequired				
Do you have the skills to make the solution?				
Safety Is the solution safe to build use store and dispose of?				
Total Points				

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