

How to Make Your Bridge Worksheet

Record how you will make your bridge in the following table by using the steps in the preceding accordion.

What is the problem?	The problem is that animals need to be able to safely cross over a highway or water.
<p>Step 1: Possible solutions</p> <p>Brainstorm as many possible ideas for your bridge and record your ideas.</p> <p>I can brainstorm solutions by:</p> <ul style="list-style-type: none">• thinking about ALL the possible ideas or solutions• thinking about what bridge designs already exist and how they will help me with my design• thinking about what I have learned about sturdy shapes• considering how I can change an existing idea and combine it with my own ideas	

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Step 2: Design or create

Using a detailed diagram with labels to design what your bridge will be like and what materials you will use. Be sure to consider how you would test your bridge out.

I can design by:

- choosing the best solution out of all the ones that I brainstormed
- recording the steps I would need to follow to construct my bridge
- recording all materials needed
- recording other equipment I might need (i.e., what would you use to test your bridge?)
- thinking about how much time I would need to complete the bridge