

## Designing a Structure Worksheet

Record answers to the following questions to create your structure design.

What is the purpose of your structure? What will it be used for?	
What is the "load" of your structure?	

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What forces might act on your structure? Are they internal or external forces?

What materials will you consider using for your structure?

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Any other features  
you know your  
design must  
include?

Anything else you  
should consider?

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How will you test your structure's ability to maintain its shape, size, and balance?

Record a drawing or detailed description of your structure design.