

Designing a Device Worksheet

Record answers to the following questions to help you design a device that will slow down the speed of an that object is dropped from a high height.

Ask What is the problem?	The object is falling too quickly from the height it is being dropped from. A device needs to be designed to slow the fall of the object.
Imagine What is the solution? Brainstorm possible ideas for your device.	
Plan What will your design include? Consider materials and specific parts of your design.	

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<p>Create your design</p> <p>If possible, build a model, or create a detailed drawing.</p>	
<p>Test</p> <p>How will you test your device?</p>	
<p>Improve</p> <p>What might you need to change about your device?</p>	