Name:	Date:			
Increas	sing Stability			
	red that short structures are more stable than ures are found all over the world. How do remain stable?			
used to make the cardboard tubes n	provided with some supplies that may be nore stable. You will not be told what to do o plan your investigation. You are not allowed			
Equipment:				
• Cardboard •	Tissue paper • Cardboard Elastic • Tape Dried Beans			
Procedure:				
In the space below, write out the steps that you will follow to make your structure more stable, and how you will test to see if it worked. You can include a drawing at the top of the back of the page. Don't forget that a procedure is a numbered list of the steps you need to take. Option 1:				
1. Put tissue paper on the base of the tub	be and hold it in place with the elastic.			
2. Put beans in the tube to fill the bottom	•			
3. Follow the testing procedure from the	last experiment (tilt on the tray).			
Option 2:				
1. Tape a piece of cardboard to the botton	m of the tube.			
2. Follow the testing procedure from the	last experiment (tilt on the tray).			

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Oh	SP	rv	nt.	in	n	: •

Trial	Trial When did it fall?		Other Observations	
Number	Normal Tube	Altered Tube	Other Observations	
1				
2				
3				

1. What are some of the things other groups did?

Discu	ssion:
1.	How can a tall structure be made more stable? Use your observations from your and your classmates' experiments to explain.
	Putting more weight at the bottom of the structure (the base) will make it more stable.
	Making the bottom of the structure (the base) wider will make it more stable.