Balloon Rally Experiment Data

My Name:		Date:		
My Partner's Name:		Hour:		
Lab Title:				
Got Gas? Hot Air Balloon Rally				
Problem/Situation: You are cordia annual "Got Gas?" Hot Air Balloon Ra as long as possible and will provide ri rally, please prepare a multimedia proflight time, and ride description. These for hot air balloons. A brochure is also principles of your hot air balloon.	ally. We are looking for balloon ders with a smooth launch and esentation illustrating the highl se will be displayed after the ral	designs landing. lights of y lly in our	that maintain flight At the end of the our balloon design, exposition building	
Construct a hot air balloon that maintains flight and provides a smooth launch and landing for its riders.				
Hypothesis: In what ways will dens	ity of matter affect your hot air	balloon?		
Prediction Statement/Goal: What goals do you want to set for the construction of your balloon? Consider materials of the balloon and the scientific principles involved for flight to happen.				
Experimental Design: How will yo	ou organize and test the constru	ection of	a hot air balloon?	

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Results: You will need to record data for flight time, launch, and landing results. Take digital pictures. Use a spreadsheet and attach printouts. All participants will need a copy of your materials and flight information for your balloon. Include the mass, volume, and density of each material and flight time.

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Data Table:
Graph:
Analysis: Analyze your results as well as use the materials data from other participants. Use a
Analysis: Analyze your results as well as use the materials data from other participants. Use a spreadsheets to record class data.
Conclusion: Make final conclusions about the design of hot air balloons. Be scientific in your
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