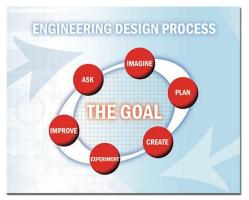
## Engineering Design Challenge Worksheet



Team Name:
<b>Ask:</b> What questions do you have about today's design challenge? Include limations, what resources are available. Write in the box:
<b>Imagine:</b> Write important research findings about greenhouses. Include all building ideas for the greenhouse. What geometic equation can you use to cut the correct size of plastic to cover the greehouse?
Greehouse Research:
Brainstorming Ideas:

Design #1					
esign #2					
C31g11 11 2					
esign#3					

	l a working model that fe as your team builds the			
Evnovimonte				
Experiment: Does your gre	enhouse maintain a cons	sistent temperatur	re of 75-80F?	
Does your gre	enhouse maintain the co	orrect humidity of	50-70%?	
Does your des	sign include the appropri	iate height for pla	nt growth?	
What improve	ements will you make to	your design?		
<b>Improve:</b> Dra	nw your greenhouse with	the new modific	ations. Include any	math equations used.

**Quality Assurance Form** 

Each team is to review another team's design and me	odel, then answer the following questions.
Name of team reviewed:	
	Yes or No
Does the greenhouse maintain a consistent temperature of 75-80F?	
Does your greenhouse maintain the correct humidity of 50-70%?	
Does your design include the appropriate heighth for plant growth?	
List the specific strengths of the design:	
List the specific weaknesses of the design:	
How would you improve the design?	
Inspected by:	

Source: NASA Best Activity Guide