### **Step 1: Requirements Worksheet**

Product ID# (copy from the Initial Requirements sheet)
Objective:  Write down <u>complete</u> product requirements as an itemized list. Be sure to incorporate all initial requirements. Add any missing information, if necessary.
Revised requirements: 1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

#### When done:

Write down the Product ID to the top of this page from the Initial Requirements sheet. Pass this document to the next team.

Return original requirements to the instructor.

### **Step 2: Design Worksheet**

Product ID#	(copy from the Requirements Worksheet)
Objective:	
•	the product based on the updated requirements by drawing a sketch. You may combination of side views and/or a 3D view.
Your sk	etch should include some dimensions/proportions, as necessary.
Your de	sign must not contain any words, but numbers are OK.
Product design	<b>:</b>

#### When done:

Write down the Product ID to the top of this page from the Requirements Worksheet. Pass this document to the next team.

Return the requirements sheet to the instructor.

### **Step 3: Implementation Worksheet**

Product ID# (copy from the Design Worksheet)
Objective:  Build a product out of LEGO bricks based on the sketches and the specified dimensions
Do not write/draw anything below this line.

#### When done:

Write down the Product ID to the top of this page from the Design Worksheet. Pass the completed product to the next team.

Return the design document to the instructor.

### **Step 4: Verification Worksheet**

Product ID# (copy from the Implementation Worksheet)
Objective:  Compare the original product requirements with the completed product.  Verify each requirement by testing whether the constructed building meets that requirement.  Write down any inconsistencies/discrepancies you have identified.
Product inconsistencies: 1.
2.
3.
4.
5.
6.
7.
8.
9.
10.

#### When done:

Write down the Product ID to the top of this page from the Implementation Worksheet. Be ready for debriefing.