Name _____ Date_____

Virtual Lab Activity 3.1

Design Constraints

1. **Observe** Watch the design constraints and criteria animation. Record the design constraints and criteria. Explain detailed definitions and examples for each of the design constraints and criteria.

2. **Execute** Explain how you would consider design constraints and criteria when creating a solution to a basic problem in your life, such as how to fix something. Sketch an ergonomic design for a basic cooking utensil. List all of the design constraints and criteria you would need to consider while researching and designing this item.

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