



Virtual Lab Activity 3.2

Rapid Prototyping

- 1. Observe** Watch the rapid prototyping 3D printing animation. Research and record your observations about the type of rapid prototyping shown. Explain how rapid prototyping could change design.

- 2. Execute** Explain how you would use one of the types of rapid prototyping to solve a design problem. Sketch a medically-related device, such as a prosthetic arm. List what type of rapid prototyping software and hardware you would need to create a customized medical device. List all of the design constraints and criteria you would need to consider while prototyping this item.

