

Name:

Date:

Class:

Engineering Design Process Worksheet

Your Mission!

Your mission for this challenge is to use any of the STEM materials you choose to create an accurate human heart model. The model must accurately reflect the human heart anatomy. It **MUST** have a right and left atrium.

1. **ASK:** What do you already know about the anatomy of the human heart? What do you want to know?

2. **IMAGINE:** What will your model heart look like?

3. **PLAN:** Draw a sketch of what you think your model heart will look like. Your plan must include the materials you plan to use.

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4. **CREATE:** After you make your model, explain its design.

5. **IMPROVE:** What is one way you could have changed your design to make it even better?