Design Challenge:                                    Name:_____

**The Artificial Heart**                            Class:_____


1.      Defining a Problem



2.      Brainstorming



3.      Researching and Generating Ideas



4.      Identifying Criteria and Constraints



5.      Exploring Possibilities



6.      Selecting an Approach



7.      Developing a Design Proposal

8.	Making a Prototype




9.	Testing and Evaluating the Design




10.	Refining the Design




11.	Communicating Results