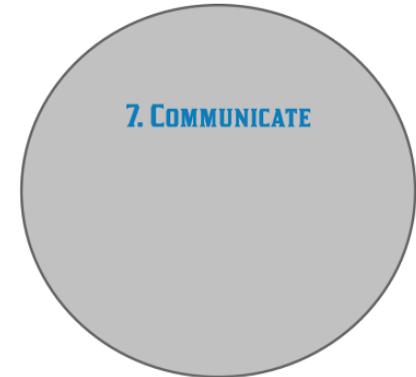
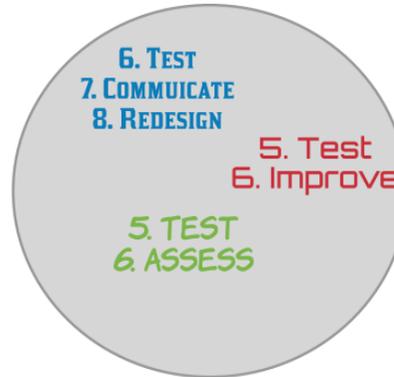


Ask & Question →

Brainstorm & Build →

Testing & Revisions →

Present



MASSACHUSETTS DEPARTMENT OF EDUCATION

-FOCUSES ON A RESEARCH COMPONENT IN ORDER TO IDENTIFY DIFFERENT SOLUTIONS. A LARGE PART OF THIS PROCESS DEALS WITH WHAT OCCURS BEFORE THE CREATION STAGE WHERE SOLUTIONS ARE BRAINSTORMED AND REFINED UNTIL A FINAL SOLUTION HAS BEEN CHOSEN TO CREATE. THERE IS ALSO A COMMUNICATION STEP WHICH IS VITAL TO OTHERS UNDERSTANDING THE PROCESS THAT JUST OCCURRED.

NASA Engineering Design Process

-Focuses a large part on the testing and revision stages of the process. Requires a deep understanding of what occurred throughout testing and what needs to be improved upon in order to make it more efficient.

HASSO-PLATTNER INSTITUTE OF DESIGN

-MAIN FOCUS IS ON HUMANS AS THE CONSUMER. A LARGE PART OF THE PROCESS DEALS WITH SEEKING OUT INTERACTIONS AND LEARNING ABOUT EMOTIONS AND APPLYING THEM TO THE REST OF THE DESIGN PROCESS. THIS EMPATHY ALLOWS THE PROTOTYPE TO BE MORE FOCUSES ON WHAT THE CONSUMER WILL WANT.

Addition: I added the last step which is Present. I feel that is it important for students to be able to communicate to others what steps they took throughout the entire process in order to create a successful prototype. The Mass. Dept. of Ed. process had a communication step placed so that communication would need to occur before revisions took place. I also placed that same communication step at the end because they need to justify why they made the revisions they did.