Problem solving in Design

Psychology - an explanation of why we do - what we do ?

Cognition / Cognitive Thinking:
Our mental process or the order in which we think. Problem solving a a form of cognition.

The 4 P's of Problem Solving:

1. Prep
2. Plan
3. Perform
4. Perfect

Prep
- Identify the problem
- Diagnose the problem

Plan
- Documenting an educated guess is known as writing a proposal
  1. Possible Solutions
  2. List Diagnosed problems

Perform
- Passionate
- Breakdown in steps
- Positivity is the key to progress
- Must be a purpose
- Get rid of complications
- Go with gut feeling
- Be Confident

Perfect
- Look at problem with a fresh set of eyes
- Evaluate approach and solutions
- Re-evaluate the problems and cycle through the process over and over
- This process is never really perfected
- Repeat the prep, plan, perform, procedure

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