

How Do We Think?

Kadin Buckton

October 26, 2017

The Problem Solving Process

There are 3 stages in the problem solving process

- Problem Finding
- Idea Finding
- Solution Finding

It requires both creative-thinking skills and critical-thinking skills

Do you remember?

Steps to Problem Solving

- Find the *actual* problem
- Think about the problem
- Generate lots of possible solutions
- Establish criteria for evaluating ideas
- Use your criteria for evaluating ideas
- Rank your ideas and select the best one
- Try out your idea
- Is the problem solved? If not, choose another idea and try again

Use this at the *Problem Finding* stage

Idea Finding

Edward De Bono is an expert on creative thinking

According to him there are 6 modes of thinking. To explain his idea, De Bono uses the idea of 6 metaphorical thinking hats that can be put on and taken off at will by the idea creator or problem solver.

The hats are color coded to help people remember which type of thinking is associated with each one