

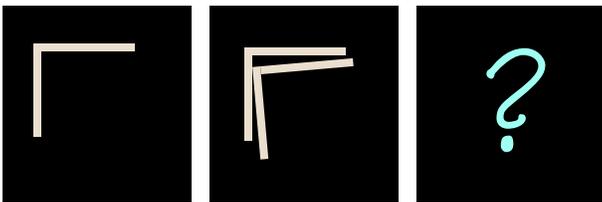
DESIGN CLASS ASSIGNMENT #1: Programming A Modular Design

Description: This two week assignment introduces a design concept which mimics the organic programming in nature. How a tree's growth from seed to maturity begins with a seed which dictates such elements as to the tree's size, configuration, color and reproductive cycle. Any deviation from its development program will produce a freak or deformity.

Assignment: Create a modular design consisting of tapered toothpicks on a black ground which develops from a program or set of criteria determined by the designer.

Materials: Black mounting board, toothpicks and glue.

Procedure: 1. Beginning with a box of toothpicks, establish an initial arrangement or program from which all subsequent additions must follow to a logical conclusion.



This program dictates that the first relationship will be formed by the horizontal engaging the right side of the vertical @ 90 degrees.

The program continues with this first arrangement repeated, turned counter-clockwise 5 degrees and placed so it touches the original arrangement at two points.

What happens with the third mutation?
What would be its logical conclusion?
How could we improve on this outcome?

Identify some alternative programs...
with your own toothpicks.
Realize that once the program has been set, there should be no deviation from it as it is carried out to its logical conclusion. In this case the logical conclusion might be that the original config. has turned 90 degrees.

2. Arrange several toothpick designs without gluing the sticks to the mounting board.

3. Record each design digitally for class critique. Submit your images ONLINE ANYTIME, or send to Karen by MONDAY AFTERNOON to be compiled for the next class meeting.

ONGOING "On A Roll" ASSIGNMENT: This assignment allows a prolonged period of seven weeks for a playful exploration of the design potential of a simple cylinder. During the incubation period, new insights and possibilities will unfold as we think beyond our preconceptions with lateral thinking. Each class will begin with a SHOW & TELL of individual revelations and setbacks. The PROCESS!!