

Clock: Programmed and Computationally Designed

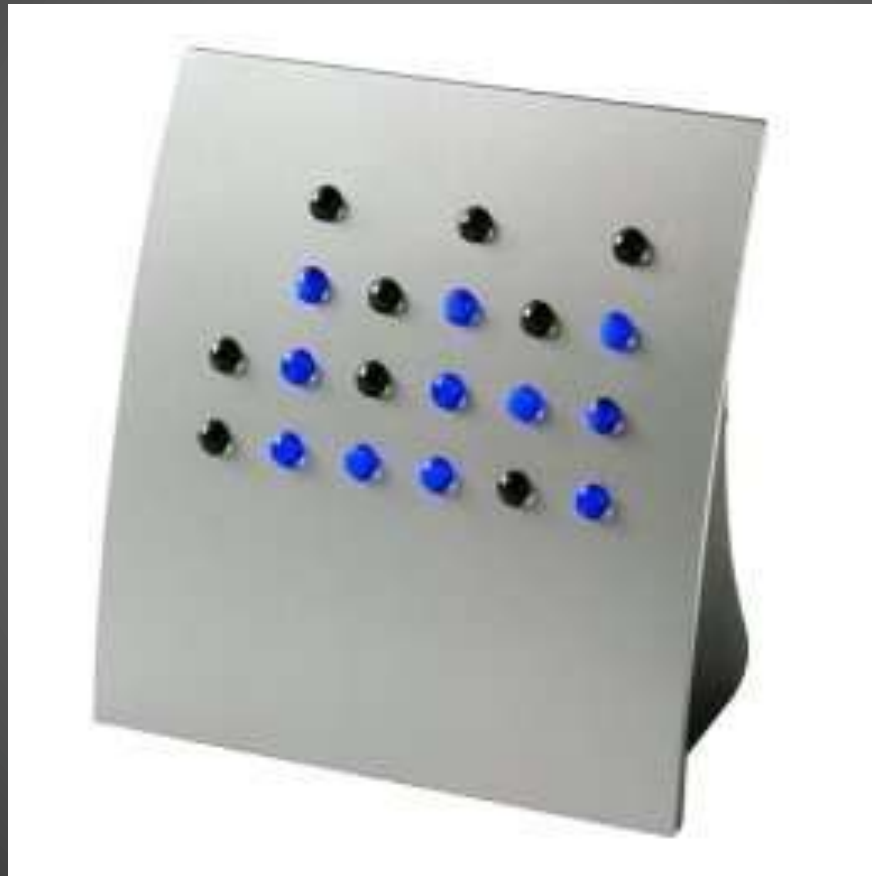


Gracie Elqura

New Textiles – MAS 681

Final Presentation Proposal

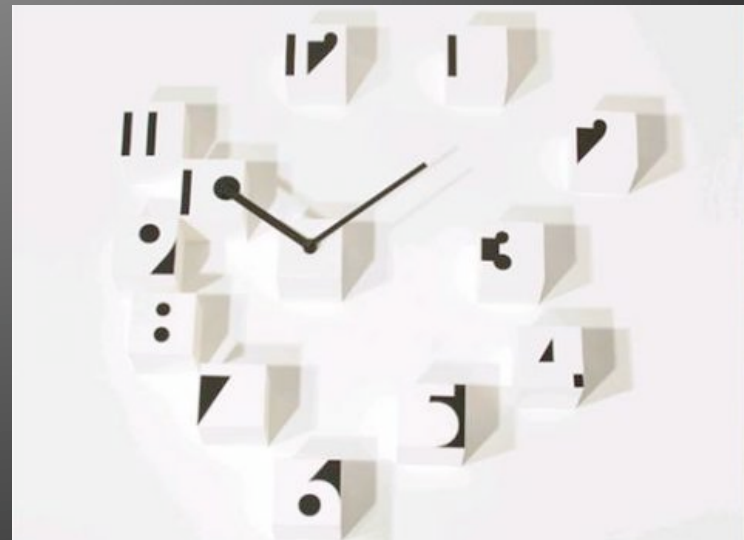
Binary Coded Decimal Clock

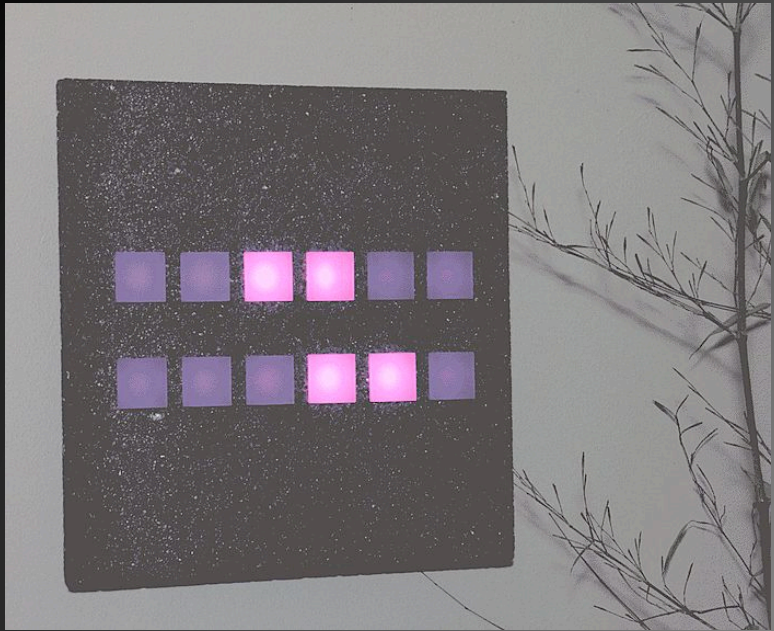


Description

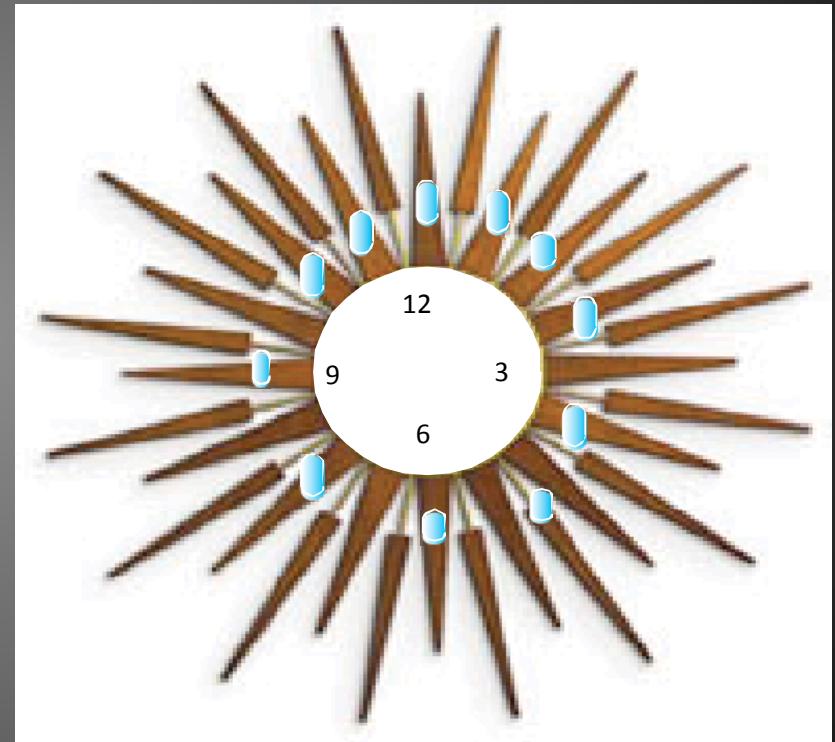
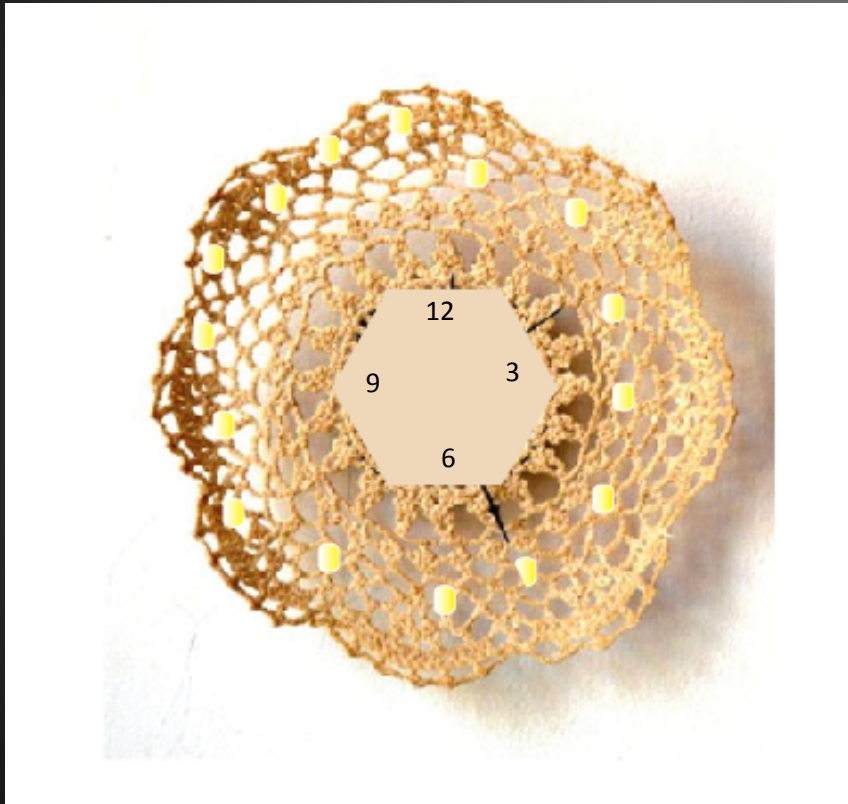
I want to design a clock whose base will be computationally designed and internal structure programmed through the LilyPad Arduino, using LED lights or thermochromic ink. The lights/ink will change colors based on time of day and will show the current time.

Survey of Previous Work

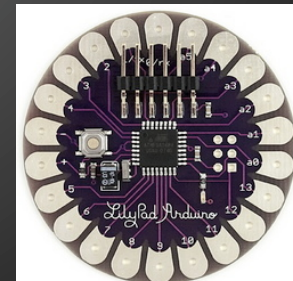




Vision/Sketches



Change color based on time of day



Time Line

- 4/9 - 4/23: Research and experiment with computational designs for clock base
- 4/24 – 5/8: Laser cut base and add the lights or thermochromic ink.
- 5/ 8 – 5/21: Program the clock on the LilyPad Arduino