SUN Dial

Brainstorm & Concepts
- Flat

Gnomon (Face North) angle must be equal to latitude

Shadow

- Uses binary numbers (only 0+1)
- 4 heads with a value each

Ex: 0 = 1
    0 = 0

Goal is to circle in the values that equal the number

Antique (?)
- Cardboard base
- Wire
- Interlaced cardboard strips

Modern
- Cardboard base
- Wire
- Make support with various layers of cardboard

Pedestal
- Central opening: 75

Base:
- Folded cardboard
- Decagonal prism
- Hexagonal prism
- Twisted

Sphere:
- Wire
- Wire ribbon

- Copper/steel/boss painted black
- Galvanized flat wire
ORTHOGRAPHIC DRAWINGS

SUNDIAL

- BASE: Folded cardboard to form a twisted hexagonal prism (100)

Front view/Side view:
60-70 cm

Support: a cardboard base to mount the sphere on the base.

- SPHERE:

Front View:

diameter: 50 cm

Each Strip:
5cm x 4

Inside:

Top View:

2.0-2.5 cm

Net Diagram:

- Top: (two faces) x 2

- Inside:

- Axial line:

- Perforate: paper/cutout structure

- Approximate Dimensions:
  $w \times h \times d$
  0.5 m x 1.2 m x 0.5 m

- Colour: base-white
  Sphere-farrow-black or dark brown

- Composition: When put together a beautiful sundial on a modern and stylish base is created.
Linoleum, PRINTMAKING

Making a Botanical-Printed TOTE-BAG

The process:

1. A brainstorm and selection process to pick the drawings that will be part of the design.
2. The final drawings will be drawn on tracing paper so the image can be flipped.
3. These will then be traced on to the linoleum block and carved.
4. They will be carved in such a way that the uncavelled areas represent a mirror image of the parts to show printed.

5. Ink will be applied with a brayer and then impressed into the fabric.

LA BOTANIQUE
3D PRINTING: Snowflake

Brainstorming for a unique pattern
Final Design:

Top View:
- 2.85 in
- 3.19 in

Front View:
- 0.39 in

Right Side View:
- 2.85 in

Interlocked faces
Product Packaging

Brainstorm

- Portable container, one piece
- "Finger" shape for better grasp + comfort
- Rip to open top lid

Fun packaging for individual muffins
- Tear to open

Thinner, easier hold

MILK

- Hand has to be extended, making it harder to hold and easier to drop

VS.

- Thin, easier to hold with one hand

Top view

- Top view
SUMUJI

The Nutritious and Healthy Smoothie

This folded design makes it easier and more comfortable to hold.

"Fun Size" is designed so that the thumb and fingers can lay comfortably on the folds of the lid.

The "normal size" will fit the user's hand in its foldings.

12 cm

25 cm