MANIPULATED CORAL VESSELS

Expectations:

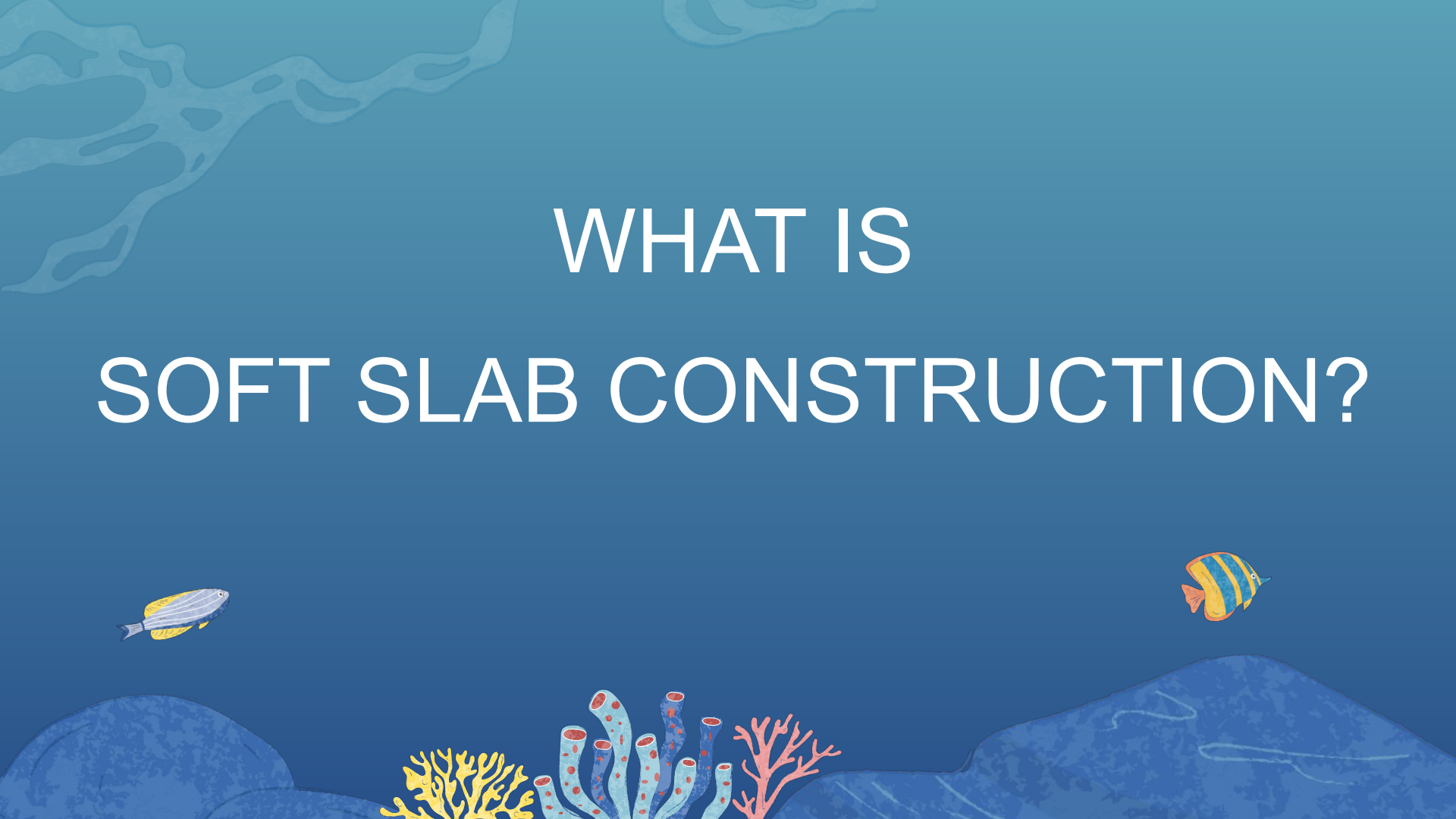
Although I am Ms. Wall's mentee, I deserve these expectations to be followed.

I will be evaluating your behavior and artwork and will be grading you accordingly.

If these expectations are not met, it will be up to me to decide the repercussions.

I want you all to succeed and care about your artistic journey.

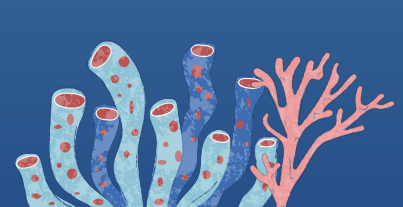
WHAT IS SOFT SLAB CONSTRUCTION?

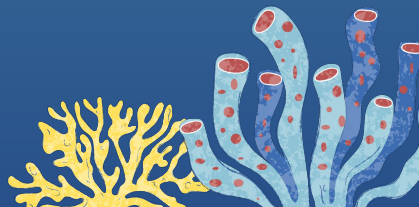


WHAT IS SOFT SLAB CONSTRUCTION?

Soft slabs are sheets of clay that are fresh and soft. Soft slabs allow you to manipulate and alter them by bending, folding, pressing, and stretching as you build.

Hard slabs allow you to construct complex, angular, sharp edged forms.





In the last project, you learned how to roll out a hard slab to build a cylindrical vessel.

In this project, we will be using SOFT SLABS to build a cylindrical form and will manipulate it to mimic coral using building techniques to transform its shape and texture.

We will be inspired by the Wertheim sister's world wide collaborative coral reef project.

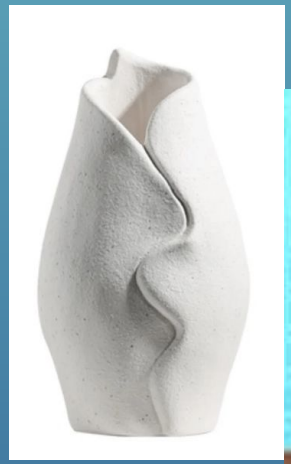
THE WERTHEIM SISTERS

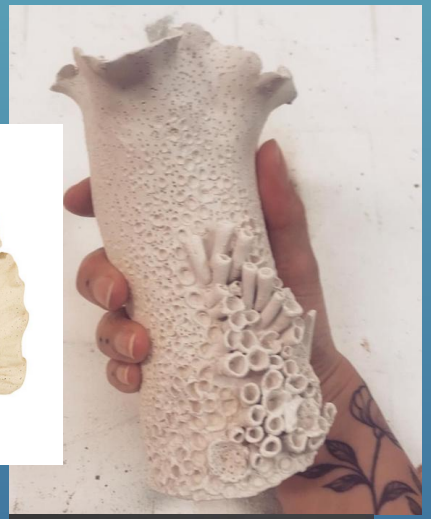
The Wertheim sister's Crochet Coral Reef project is one of the largest participatory art and science endeavors in the world.

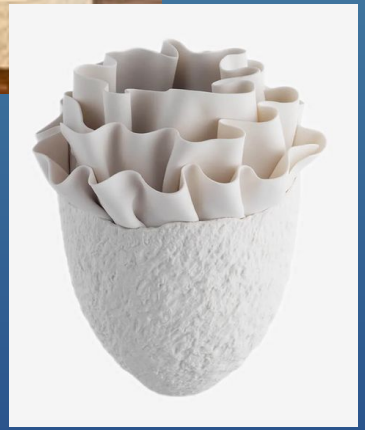
By creating giant installations that mimic living coral reefs, crocheted out of yarn and types of plastic, and using algorithms inspired by hyperbolic geometry, the project resides at the intersection of mathematics, science, handicraft, environmentalism and community art practice.

The project teaches audiences about non-Euclidean geometry, while also engaging them with the subject of climate change and the decimation of reefs due to global warming.

SOFT SLAB CYLINDER
















CORAL PROJECT TIMELINE

Monday	Tuesday	Wednesday	Thursday	Friday
15 X	16 X	17 X	18 Intro Coral sketch due	19 Coral sketch DL
22 Coral Sketch EXT DL ***Asynchronous***	23 Roll slabs	24 Slabs Due Transfer designs before building	25 Slab deadline Cylinder due **early release*	26 Slabs EXT DL Cylinder DL Manipulation **early release*
29 Manipulation Additive Cylinder EXT DL	30 Additive	1 Glow and Grow Additive and Texture/Subtractive	2 Texture/Subtractive Smooth and Perfect	3 Smooth and perfect Evaluation CORAL DUE

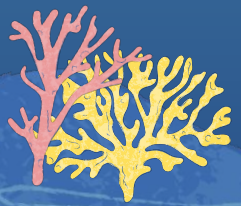
CRITERIA FOR SUCCESS

Final Project Points: 50

- Build a soft slab cylinder
- Sketch your design and transfer it onto cylinder
- Manipulated by either pushing in/pushing out
- Rim should also be manipulated
- Surface should have texture by carving or pushed in textures using clay tools
- Additive: coil or pinch element

(smoothed areas, attached properly, added elements are not too thin/cracked)

- Overall good craftsmanship



Day 1
4/18

CORAL RESEARCH AND SKETCH

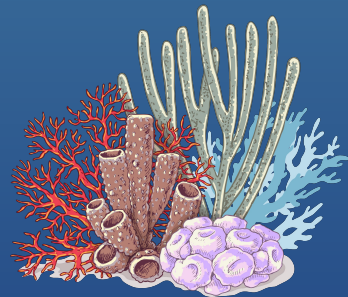
Objective: Students will be able to plan and design at least 2 kinds of manipulated coral cylinder vessels by researching coral and sketching their plans.

Criteria for success:

- Use your Chromebook to research different kinds of coral that you can be inspired by
- Sketch 2 or more designs that fill the space and are annotated
- Include: the kind of coral, texture ideas, additive or subtractive elements, what hand building techniques will be used

Show me your sketch when finished for a grade

Due Date- 4/18 Deadline- 4/19 EXT DL- 4/22



Day 2

4/19

CORAL RESEARCH AND SKETCH

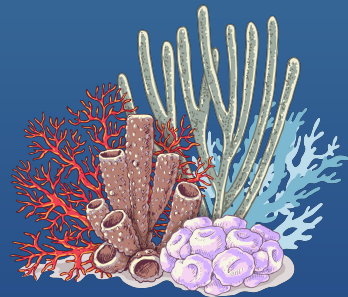
Objective: Students will be able to plan and design at least 2 kinds of manipulated coral cylinder vessels by researching coral and sketching their plans.

Criteria for success:

- Use your Chromebook to research different kinds of coral that you can be inspired by
- Sketch 2 or more designs that fill the space and are annotated
- Include: the kind of coral, texture ideas, additive or subtractive elements, what hand building techniques will be used

Show me your sketch when finished for a grade

Due Date- 4/18 Deadline- 4/19 EXT DL- 4/22



Day 3- 4/22

Asynchronous

LONG SHEET SKETCH

Fill the long sheet of paper with a plan of where you will apply coral elements onto your slab

Due Date- 4/

- Raised lines/added pieces= Shading
- Carved elements= Dark Lines
- Pushed in/out= Shapes with cross hatching lines inside

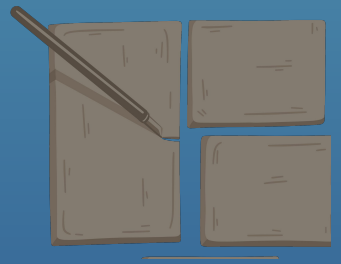
Example:

Day 4- 4/23

Worth 5 points

ROLLING OUT SLABS

Objective: Students will be able to use the slab rolling technique to prepare their clay surface for creating their functional coral vessel.



Criteria for success:

- 2 rolled out slabs (1 for cylinder, 1 for bottom)
- Wide thin bar even thickness
- All slabs should be smoothed out on both sides
- Cut down using template- show me when finished for a grade
- All slabs should be wrapped and stored properly to be worked on later

Due Date- 4/23 Deadline- 4/24 EXT DL- 4/26

Day 4- 4/23

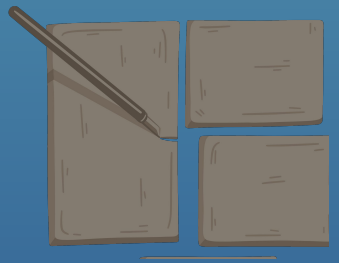
Keeping soft slabs moist and stored properly DEMO

Day 5- 4/24

Worth 5 points

ROLLING OUT SLABS

Objective: Students will be able to use the slab rolling technique to prepare their clay surface for creating their functional coral vessel.



Criteria for success:

- 2 rolled out slabs (1 for cylinder, 1 for bottom)
- Wide thin bar even thickness
- All slabs should be smoothed out on both sides
- Cut down using template- show me when finished for a grade
- All slabs should be wrapped and stored properly to be worked on later

Due Date- 4/23 Deadline- 4/24 EXT DL- 4/26

Day 6-
4/25

Transferring Designs

DEMO

Day 6- 4/25

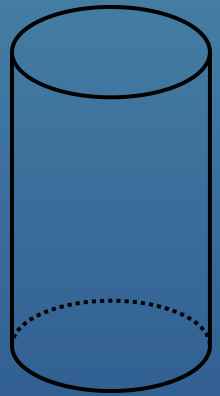
Worth 5 points

BUILDING CYLINDERS

Objective: Students will be able to use the slabs they rolled out to build a soft slab cylindrical vessel.

Criteria for Success/Procedures:

- Use your slabs to cut out the templates
- Bevel the edges
- Mold the cylindrical form
- Smooth
- Add a bottom- smooth
- Carve your name into the bottom
- Transfer designs from sketch onto cylinder

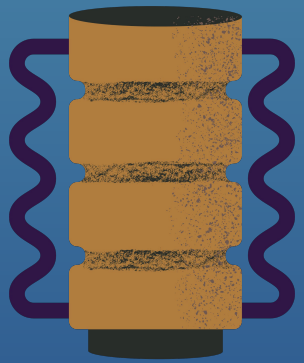


Due Date- 4/25 Deadline- 4/26 EXT DL- 4/29

Day 7- 4/26

CYLINDER MANIPULATION

Objective: Students will be able to manipulate their soft slab cylinder by either pushing in or pushing out to create an interesting vessel design.



Criteria for success/Procedures:

- Push in/out on your soft slab cylinder
- Avoid cracking and holes
  (repair if this happens)
- Smooth out cylinder when finished
- Moisten and store properly

Due Date- 4/26 Deadline- 4/29 EXT DL-4/30

Day 9- 4/30

ADDING/ SUBTRACTING

Objective: Students will be able to manipulate their soft slab cylinder further by carving or pushing in textures using clay tools and by adding elements by coiling or pinching.

Criteria for Success/Procedures:

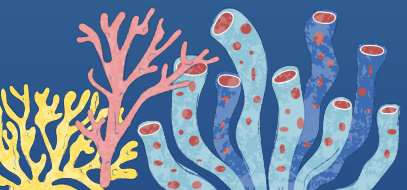
Surface Manipulation (subtracting)-

- Carve in texture OR
- Push in textures using clay tools

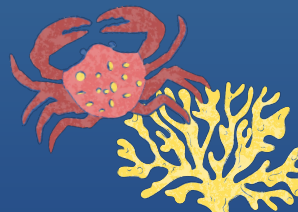
Added Manipulation-

- Add coil elements OR
- Add pinched elements

on at least half of the cylinder



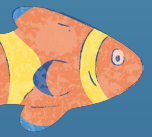
Should be done adding/subtracting by 5/2



Day 8- 4/29

ADDING

Objective: Students will be able to manipulate their soft slab cylinder further by coiling or pinching pieces onto the slab to mimic coral.



Criteria for Success/Procedures:

Added Manipulation-

- Add coil elements OR
- Add pinched elements

On at least half of the cylinder

Should be done adding by 5/1-5/2

Day 10-
5/1

ADDING/ SUBTRACTING

Objective: Students will be able to manipulate their soft slab cylinder further by carving or pushing in textures using clay tools and by adding elements by coiling or pinching.

Criteria for Success/Procedures:

Surface Manipulation (subtractive)-

- Carve in texture OR
- Push in textures using clay tools

Added Manipulation-

- Add coil elements OR
- Add pinched elements

on at least half of the cylinder

Should be done adding/subtracting by 5/2

Day 10-
5/1

GLOW AND GROW
PEER REVIEW

Day 11-
5/2

SMOOTH / PERFECT

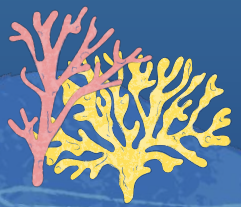
Objective: Students will complete the building of their manipulated coral vessel by smoothing out the clay and perfecting any last details to prepare for it to be fired.

Coral is due on 5/3

CRITERIA FOR SUCCESS

Final Project Points: 50

- Build a soft slab cylinder
- Sketch your design and transfer it onto cylinder
- Manipulated by either pushing in/pushing out
- Rim should also be manipulated
- Surface should have texture by carving or pushed in textures using clay tools
- Additive: coil or pinch element
- Pencil line and clean bottom



Day 12-

5/3

CORAL IS DUE TODAY

Objective: Students will complete the building of their manipulated coral vessel by smoothing out the clay and perfecting any last details to prepare it to be fired. Students will also complete a self evaluation.

Due- 5/3 Deadline- 5/7 EXT DL- 5/9

FINAL EVALUATION

Objective: Students will be able to reflect on and evaluate their manipulated coral vessel.

Criteria for success:

- Student self evaluation completed
- Questions answered fully and using complete sentences
- Project is turned in with the evaluation sheet

CRITERIA FOR SUCCESS

Final Project Points:50

- Build a soft slab cylinder
- Sketch your design and transfer it onto cylinder
- Manipulated by either pushing in/pushing out
- Rim should also be manipulated
- Surface should have texture by carving or pushed in textures using clay tools
- Additive: coil or pinch element
- Pencil line and clean bottom