

MANIPULATED CORAL VESSELS



A	ATTITUDE Be positive and try your best!
R	RESPECT Respect everyone and everything.
T	THINK Understand and demonstrate.
I	IMAGINE Be creative and dream!
S	SPIC & SPAN Clean up after yourself and table.
T	TARGET Follow directions to stay on target.

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.

SEE, THINK, WONDER

- What techniques do you see?
- How do you think it was made?
- What do you wonder about this artwork?



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.







Live Coral Reef



Bleached Coral Reef

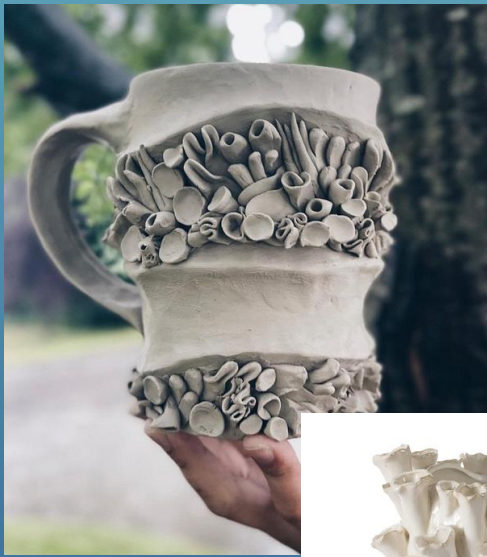
PINCH



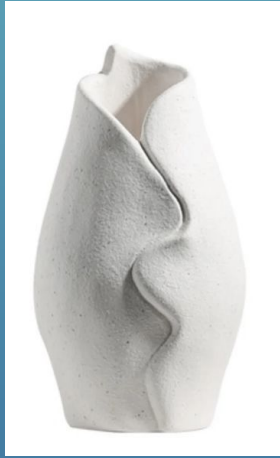
COIL



SLAB



MANIPULATED CYLINDER (CERAMIC ONE)



CRITERIA FOR SUCCESS

Final Project Points: 50

- Sketch your design (collaboratively)
- Create a stamp that will add coral texture (inverted or protruding)
 - You will have areas where you used the stamp to create texture in addition to one other texture using clay tools. (total of 2+) (man made and natural texture)
- Build a vessel to emulate coral using building techniques
coil, pinch, or slab
- Should be at minimum 8 inches
 - 8 1/2 x 11 is the size of a piece of printer paper- good reference
- Your design should be cohesive amongst your table mates
- Use 2-3+ hand building techniques to add coral elements
(carving, holes, added coils...)



CORAL PROJECT TIMELINE

Monday	Tuesday	Wednesday	Thursday	Friday
15 X	16 X	17 X	18 Coral sketch Form Stamp	19 Coral sketch due Stamp Due
22 Asynchronous (google form)	23 PREP/BUILD Coral Sketch/ Stamp DL	24 PREP/BUILD Coral Sketch/ Stamp EXT DL	25 PREP/BUILD	26 PREP/BUILD
29 Additive	30 Additive Structure Check in	1 Additive	2 Texture Subtractive	3 Texture Subtractive
6 Refine	7 GLOW/GROW	8 Refine	9 Smooth/Refine	10 Evaluation Coral Due

What are some ways to create a cohesive design?

-
-
-
-
-

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:

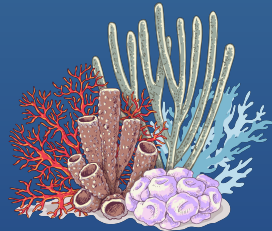
- Use your Chromebook to research different kinds of coral that you can be inspired by
- Sketch 2 or more designs with your table that fill the space and are annotated
- Include: the kind of coral, what hand building techniques will be used, 2+ texture ideas, and 2-3+ additive and subtractive elements

Show me your sketch when finished for a grade

Due Date- 4/18

Deadline- 4/19

EXT DL- 4/22



STAMP

Objective: Students will be able to create a clay stamp in order to plan and determine the texture they will use on their final sculpture.



Criteria for success:

- Texture must be either inverted or protruding
- Must correlate with your final project's texture ideas
- Shape should relate to your sculpture for easy use (ball stamp, roller stamp)

Due Date- 4/19 Deadline- 4/22 EXT DL- 4/23

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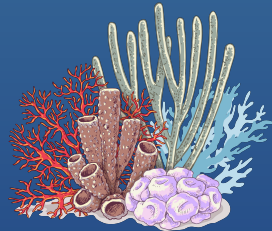
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Day 3

4/22

Asynchronous-

Watch this ted talk about the Wertheim sisters

<https://youtu.be/zGEDHMF4rLI?si=Ntlw6TQTikOToadW>

Respond on canvas to the questions on the google form.

Responses should be thorough.

Ask for the printed transcript if you prefer to read and annotate the ted talk rather than watching the video.

PREP/BUILD

Objective: Students will begin prepping their clay and building their form.

Criteria for success:

everyone should weigh and wedge the clay they need to begin

SLAB: roll out your slabs- cut them tomorrow.

COIL: Begin rolling out your coils to thin bar even thickness.

PINCH- Begin pinching your form.

keep clay moist so it can continue to be worked on

Reference technique deadlines poster to stay on track

Day 5

4/24

PREP/BUILD

Objective: Students will continue prepping their clay and building their form.

Criteria for success:

SLAB: cut slabs with templates and begin building form.

COIL: Begin using your coils to build the base of your form.

PINCH- Continue pinching your form.

keep clay moist so it can continue to be worked on

Reference technique deadlines poster to stay on track

PREP/BUILD

Objective: Students will continue building their form.

Criteria for success:

SLAB: Smooth and refine your slab form. Seal seams and add bottom.

COIL: Continue using your coils to build the base of your form. Roll out more coils as needed.

PINCH- Continue pinching your form.

keep clay moist so it can continue to be worked on

Reference technique deadlines poster to stay on track

PREP/BUILD

Objective: Students will continue building their form.

Criteria for success:

SLAB: Smooth and refine your slab form. Seal seams and add bottom.

Manipulate form to mimic coral.

COIL: Continue using your coils to build the base of your form. Roll out more coils as needed. Manipulate shape as you build up.

PINCH- Continue pinching your form. Manipulate pinched form to mimic coral.

keep clay moist so it can continue to be worked on

Reference technique deadlines poster to stay on track

Day 8-

4/29

ADDING

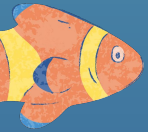
Objective: Students will be able to manipulate their form to mimic coral by adding coral elements using 2-3 handbuilding techniques to the surface of their form.

Criteria for Success/Procedures:

Add 2-3 techniques-

- Added coil
 - Added pinch
 - Added slab
 - Luminary holes
- etc...

Reference technique deadlines poster to stay on track



ADDING

Objective: Students will be able to manipulate their form to mimic coral by adding coral elements using 2-3 handbuilding techniques to the surface of their form.

Criteria for Success/Procedures:

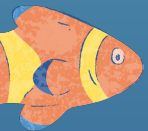
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Structure

Check-in

Reference technique deadlines poster to stay on track



ADDING

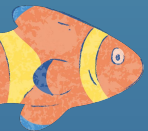
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Reference technique deadlines poster to stay on track



TEXTURE

Objective: Students will be add their man made stamp texture and one natural texture onto their sculpture in order to mimic coral in a subtractive and textural manner.

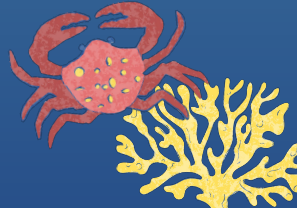
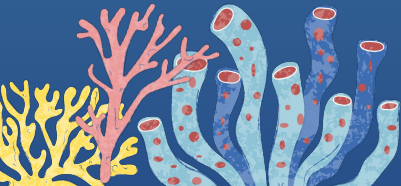
Criteria for Success/Procedures:

- Press your stamp into the sculpture.
- Press a natural textured item into the sculpture.

You should have two or more textures.

It should cover at least half of the sculpture.

Reference technique deadlines poster to stay on track



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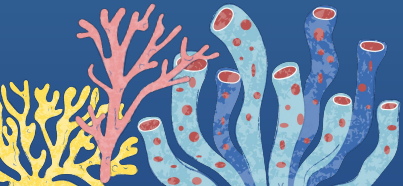
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Reference technique deadlines poster to stay on track



Smooth/ Refine/ 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.

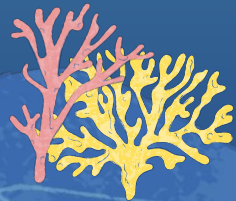
Reference technique deadlines poster to stay on track

Coral is due 5/10

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Refine/ Group Critique

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.



Glow and Grow Discussion



Reference technique deadlines poster to stay on track

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Smooth/ Refine/ Perfect

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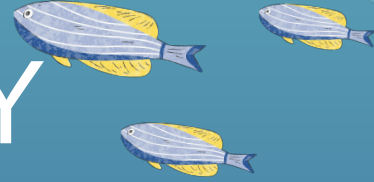
Reference technique deadlines poster to stay on track

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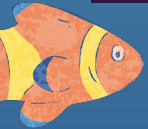
Day 18-

5/10

CORAL IS DUE TODAY



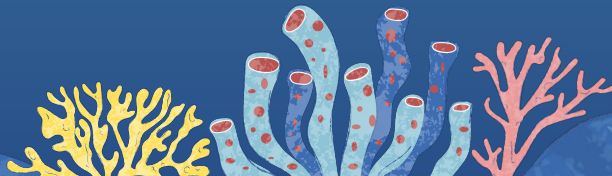
Objective: Students will complete the building of their manipulated coral vessel by smoothing out the clay and perfecting any last details to prepare for it to be fired. Students will also complete a self evaluation.



Due- 5/10

Deadline- 5/11

EXT DL- 5/12



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

