

OCEAN CLASSROOM LIVE!

Ocean View: Art and Marine Science (S2, E4)

EDUCATOR SUPPORT MATERIALS

THE
UNIVERSITY
OF RHODE ISLAND
GRADUATE SCHOOL
OF OCEANOGRAPHY

In April, the University of Rhode Island's "Ocean View Exhibition and Youth Art Competition" celebrated the beginning of GSO's 60th anniversary and featured work from 200+ K-12 students and 25 professional artists. Join a conversation with artists Kathy Hodge and Anthony Tomaselli to learn about their connection to the sea and how the ocean influences their work.

Discussion Questions

- How does the ocean inspire you?
- Spend time observing the changes in light, feeling textures, finding patterns and try to copy them in an illustration.
- How does one become a professional artist?

Resources

Graduate School of Oceanography

As one of the nation's premier academic oceanographic institutions, the University of Rhode Island's Graduate School of Oceanography (GSO) educates marine scientists, students, policymakers, business leaders and citizens and helps develop the knowledge and skills necessary to address present and future marine challenges.

- GSO: <https://web.uri.edu/gso/>
- Inner Space Center: <http://innerspacecenter.org/>
- Rhode Island Teachers At Sea:
<https://web.uri.edu/gso/research/outreach/rhode-island-teachers-at-sea-program/>
- GSO Ocean Classroom: <https://web.uri.edu/gso/outreach/ocean-classroom/>
- GSO Facebook: <https://www.facebook.com/URIGSO/>
- GSO YouTube: <https://www.youtube.com/c/URIGraduateSchoolofOceanography>
- GSO Twitter: <https://twitter.com/urigso>
- Ocean View art competition and exhibition: <https://web.uri.edu/gso/outreach/art/>

- Ocean View press release: <https://today.uri.edu/news/uri-gallery-exhibition-and-youth-art-competition-to-celebrate-gsos-60th-anniversary/?fbclid=IwAR0d94HrFehMbYaqu9YaaiKgvDwK-dquslAHqYuqe-qrxYCHfdzTMFeMBXg>

Other Resources

- Synergy Program, Ocean Stories: <https://synergyexhibit.net/exhibits/>
- Kathy Hodge:
 - <https://www.kathyhodge.com/>
 - <https://www.facebook.com/KathyHodgeStudio/>
 - <https://www.instagram.com/kathy.hodge/>
 - <https://www.instagram.com/kathy.hodge.studio/>
- Hodge/Hernandez workspace: <https://padlet.com/kathyhodgedevault/synergy2>
- Anthony Tomeselli: <https://www.anthonytomaselli.com>
 - <https://www.facebook.com/anthony.d.tomaselli>
 - <https://www.instagram.com/anthonytomaselli/?hl=en>
 - <https://sarahjessicafinearts.com/anthony-tomaselli>

Suggested Standards

[Next Generation Science Standards](#) *K-12 Performance Expectations relating to Art & Marine Science.*

Elementary School

K: Energy

- K-PS3-1. Make observations to determine the effect of sunlight on Earth's surface.

Grade 2: Matter and its Interactions

- 2-PS1-1. Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.

K-2: Engineering Design

- K-2-ETS1-2. Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.

Grade 4: Earth's Systems

- 4-ESS2-2. Analyze and interpret data from maps to describe patterns of Earth's features.

Middle School

MS: Biological Evolution: Unity and Diversity

- MS-LS4-3. Analyze displays of pictorial data to compare patterns of similarities in the embryological development across multiple species to identify relationships not evident in the fully formed anatomy.

High School

HS: Motion and Stability: Forces and Interactions

- HS-PS2-3. Apply scientific and engineering ideas to design, evaluate and refine a device that minimizes the force on a macroscopic object during a collision.

Ocean Literacy Essential Principles and Fundamental Concepts

[Ocean Literacy Principles](#)

OLP5: The ocean supports a great diversity of life and ecosystems.

OLP6: The ocean and humans are inextricably interconnected.