A New Perspective on the Sphere – Using the Power of Art to Explore Science

Building community resiliency to environmental risk through informal science education, art-centered approaches to learning, and community dialogue and networking.

Featuring NOAA’s Science on a Sphere™ suspended globe and other exhibits.

Join us! SCIENCE PROGRAMS • COMMUNITY DIALOGUE • ART EXHIBITS • URBAN GARDEN • SCIENCE ON A SPHERE • FILMS • KID’S CRAFTS • ENVIRONMENTAL EXHIBITS

Nurture Nature Center
518 Northampton Street
Easton, PA 18042
www.nurturenaturecenter.org

Home of
BUY FRESH BUY LOCAL
GREATER LEHIGH VALLEY

Dr. Kathryn Alese Semmens, Nurture Nature Center, Easton, PA
Perspectives

- Designed to harness the power of art to explore important environmental issues, promote awareness and understanding, and inspire action.

- Works to engage artists, scientists, researchers and community members in a collaboration that fosters an exchange of experiences and ideas and strengthens personal, professional and community ties.
Nurture Nature Center is collaborating with 19 artists to create work that combines art with the SOS to bring additional insight and reveal relationships or insights not readily seen in the datasets.

Each artist chose a specific dataset to inform their art picking from a range of subjects including exoplanets, bird migration, hurricanes, population density and more.
Process

- Introductory Sphere show with hand picked list of SOS datasets
- Artists selected their top 2 choices and received instruction and guidance from Art Director
- Artists met with Science Director and Outreach Educator to discuss datasets and questions
- Three arts-based workshops were held that look at ways to communicate science data: writing, data visualization and mapping.
- Artists worked on their creative pieces based on the dataset, imagery, and research associated with each topic
- Artists reviewed their work with the Art and Science Directors
- All pieces were showcased in an exhibit with an opening reception showing the performance and spoken work.
Exoplanets - Tom Maxfield
artist and illustrator

KEPLER 22-B
mixed media

Photo by Yevette Hendler
Clouds – Karen Maurer

Cloud dreaming lyrics

V.1
I have dreams I release in the moonlight
I have hopes I share with the sun
Like a mist they form clouds of wishing
And around the world they run

Chorus:
All those dreams will fall with the raindrops
All those hopes will sparkle like snow
With each breath I fill clouds with promise
Never knowing just where they will go

V.2
I breathe in the dreaming of others
I breathe in their hopes and their cares
Like the clouds, my sister's and brother's
Secret wishes fly through the air.

Chorus

Interlude:
Deserts bloom when clouds burst upon them.
Mountains sleep in blankets of white.
Children dream of castles above them,
And watch them as they drift out of sight.
Cloud Wish: or 6 Ways to Look at a Cloud by Karen Maurer

*My friend watched as storm clouds raged high above the mesa. Lightning flashed. Even from that height, she heard the growl of thunder. The cloud opened, and rain fell. It disappeared in the searing heat, reabsorbed into the thunderhead. It never touched the ground.*

*“It felt as if I could see the grace of God,” she told us later. “But my despair kept the rain from reaching me.”*

Humans imbue nature with hidden mysteries. Clouds are among the most mysterious natural phenomena. They are at the mercy of wind, thermals, the contour of the land and the waves in the sea. Generations upon generations of farmers have used clouds to plan their harvests and plantings. The clouds don’t always deliver. The promised rain is whisked out of range. A blue sky darkens without any warning. Like the storm above the mesa, promises are broken.
Plate Tectonics –
Don Wilson
painter

Photo by Yevette Hendler

Plate Tectonics
mixed media
Bird Migration - Melissa Benzinger McGlynn

Wool felt sculptor

Such Great Lengths for Such Small Wings
wool, metal and wood
Forests — Ann Burke
paper artist and writer
Impact

– This project is such a wonderful use of the SOS datasets. The performances I saw tonight all used the sphere so well and added to my understanding of the information shared and to the personal and emotional impact this info has on all of us.

– Karen Maurer

– I thoroughly enjoyed our show on last Friday. I learned many things and was so impressed by everyone's thoughtful, heartful presentation. I am so happy to be affiliated with Nurture Nature and their talented, intelligent, innovative staff.

– Matt Wolf
“Science needs the intuition and metaphorical power of the arts, and the arts need the fresh blood of science.”

— Edward O. Wilson

(from CONSILIENCE: THE UNITY OF KNOWLEDGE [1999])