



NetworkArts

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Empowerment Through Education

EDUCATIONAL PROGRAMS COMPLETED BY NETWORKARTS

ECOLOGY:

The Franklin Institute in Center City Philadelphia- A 32-foot long mosaic expressing *Animal Life Found in Eastern Ponds*. Students from the Institute's PACTS program (for young leaders in science) worked with NetworkArts to create over 50 sculptures and drawings for the work. Message tiles describe the physical, biological, and man-made factors that determine the particular species found in a particular pond. The mosaic reflected fieldwork the students conducted at Centennial Pond. The mosaic was constructed by the students, with the participation of over 750 visitors to the museum.

Pickett School in the Germantown section of Philadelphia - Six outdoor mosaics on the façade of the school totaling 100-feet long titled *Scenes From, and Characteristics of, the Seven Major Global Ecosystems*. This work was preceded by NetworkArts' 30-week Saturday ecology program for middle school students, including 20 field trips to a diverse number of natural areas. This mosaic contains over 60 "message tiles" with ecological information on each of the seven ecosystems depicted. The final installation was completed with the participation of all 900 of the school's students. Field trips included such diverse sites as Fort Washington State Park, a horticulture tour of Germantown Avenue, The United Nations, and the World Trade Center.

Main Street in the Manayunk section of Philadelphia – Two outdoor mosaics. Both mosaics are visible from the Manayunk Canal, and were created with students from Gesu School who participated in NetworkArts' 30-week ecology program with its region wide field trips. One mosaic contains 83 sculptures of *Different Bird Species Found in Fairmount Park*. The other contains 50 sculptures of *Fairmount Park Animals* -- amphibians, reptiles, mammals, fish, and aquatic invertebrates.

The Academy of Natural Sciences in Center City Philadelphia – A mosaic entitled *Ocean Currents* created by students from Fairmount's Bache-Martin School. Installed as a 25-foot by 8-foot permanent installation in the Academy's Commons Room, it depicts warm and cold-water ocean surface currents and their effect on land climate. This was the first in a series of mosaics being created as part of *The NetworkArts Rachel Carson Project*. This is a marine sciences program that fuses science education and the literature of Carson with the creation of public art. It made use of Carson's groundbreaking book *The Sea Around Us*.

Carnivore House, Philadelphia Zoo in West Philadelphia - *Environmental Protection Strategies*. This 50- foot by 8-foot installation was preceded by NetworkArts' 30-Saturday environmental program. The mosaic depicts a number of endangered species that the Zoo conserving, and contains student hand-made "message tiles" describing over 25 different environmental protection strategies. It was created with students from West Philadelphia's Shaw Middle School and North Philadelphia's Wanamaker Middle School.

Academy of Natural Sciences in Center City Philadelphia – A mosaic created by students from Harding Middle School in the Bridesburg section of Philadelphia on *The Life Cycle of a Mackerel*, adapted by NetworkArts from a story in Rachel Carson's *Under the Sea Wind*. Thirty students participated in NetworkArts' 30-week Saturday environmental program in preparation for the mosaic. The final mosaic was constructed with the participation of 300 Harding students.

The Children's Garden in Camden - An outdoor installation entitled *Birds of New Jersey*, featuring 107 species sculpted by students working with NetworkArts from Camden's Creative Arts High School.

Steel School in the Nicetown section of Philadelphia - *How a Forest Grows*. This project was preceded by an educational program on plant succession. This outdoor mosaic on the façade of the school contains 32 student-made message tiles that describe step by step **how** an empty lot becomes a forest over time. One hundred and ten fifth graders made leaves for the central tree images, and the final work was installed with the participation of the school's 870 students.

Penn Treaty School in North Philadelphia - A mosaic that traces the *History of Pollution in the Delaware Estuary*, from pre-Colonial times to the twenty-first century. The mosaic contains student sculptures of the fish and invertebrates of the Delaware Estuary, as well as ceramic people, farm animals, and cars. The images in the mosaic reflect nonpoint source pollution factors. Fifty message tiles contain the full pollution history of the estuary. It was created with 35 seventh graders, as well as a class of autistic students.

Anne Frank School in Northeast Philadelphia - A mosaic with third and fourth graders depicting *The Oceans' Three Major Zones* defined by light: epipelagic, mesopelagic, and bathypelagic. It contains over 160 sculptures by the students of animal life typically found in each layer, and depicts a cross-section of ocean animal life. It also contains message tiles with interesting ocean facts.

Wanamaker School in North Philadelphia - An outdoor 40-foot by 12-foot mosaic on the façade of the school titled *Protect the Earth*, created as part of the NetworkArts 30-Saturday environmental program with region wide field trips. This mosaic was completed with the participation of the school's 600 students.

Temple University (Ambler, PA Campus) - At the invitation of the University's Landscape Architecture Program, NetworkArts created an outdoor installation for a fountain situated in a sustainable wetlands garden on at the University, expressing the *Plant Forms Found in the Garden*.

J.H. Brown School in Northeast Philadelphia - An outdoor installation with third graders on the school's facade, expressing what *Children Can Do To Save Trees*. The entire school participated in its construction.

E.M. Stanton School in South Philadelphia - A mosaic designed with eighth graders explaining *The Role of Oceans in Global Climate and Ecology*.

Pennypack Environmental Center in Fairmount Park in Philadelphia - An outdoor installation titled *100 Animals Found in Fairmount Park*. NetworkArts was invited to create this tile installation by The Fairmount Park Commission. It documents a portion of the animal life that lives or migrates through Fairmount Park. It was created with children visiting the park as part of the Bioblitz Program.

Palumbo School in South Philadelphia - *The Rainforest*, created by fourth graders.

The Free Library of Philadelphia (Kensington Branch) - Ecology of a Garden. This outdoor mosaic celebrates the major gardening effort in the area of the 2200 block of N. 2nd Street in Kensington. The curriculum was designed to enable the children to make use of the library's research resources in learning about garden ecology. The children developed ceramic and painted images in preparation for its installation.

Cheltenham York Road Nursing Home in East Oak Lane - *Ecology as it Relates to Nursing Home Environments -- The Eden Project*. NetworkArts was invited by NewCourtland Elder Systems and Presbyterian Foundation to create a mosaic with seniors at and students from Ellwood School. It expresses the importance of plants, animals, and interactions with people of all ages in creating a nurturing nursing home environment.

Oak Park Elementary School in Lansdale, PA - *A Ceramic Tree* created with 70 fifth graders, containing bark impressions, leaves, and animal samples indigenous to our region, and installed in the wall outside the school's library. Created for *Earth Day*, the sculptures were made on site at Morris Arboretum.

Peirce Elementary School in North Philadelphia – A mosaic exploring *Ocean Structure*.

Penn Treaty School - A mosaic exploring *Forest Structure* and the importance of trees from a cultural, economic and ecological standpoint, created with eighth grade students and a class of autistic students.

Turner Middle School in West Philadelphia - A mosaic depicting the *Cobbs Creek Watershed*, the Delaware Estuary and the Atlantic Ocean. It contains aquatic invertebrates found in the creek, the animals of the estuary, and sculpted buildings representing center city and neighborhoods, cars, people, farm animals, etc.; and 69 message tiles describing water-testing, the causes of nonpoint source pollution, and pollution history in the estuary. Created by two eighth grade classes, and constructed with the participation of their classmates.

Philadelphia Flower Show – A ten-foot long mosaic installation for the exhibition booth of the Camden Children’s Garden. Titled *Pleasures of the Garden*, it contains 19 animals that might be found in a typical garden.

Rhodes Middle School in the Hunting Park section of Philadelphia - Two outdoor mosaics on the façade of the school totaling 50 feet long, depicting the *Schuylkill Watershed, Delaware Estuary and Atlantic Ocean*. Its messages discuss pollution problems and solutions, wetland destruction, and some of the most important issues facing ocean health: over fishing, pollution runoff, and fishing techniques. The students were from the fifth, sixth, seventh, and eighth grade classes.

Houston Middle School in Mt. Airy – Two mosaics, exploring *Bird Migration Through Cape May*, and *Bird Flight*. This program is the culmination of NetworkArts’ 30-week Saturday program. Its final trip was a bird watching trip to Cape May with a professional bird guide.

Puerto Rican Unity for Progress in Camden - A mosaic celebrating the *El Yunque Rainforest of Puerto Rico*, with the many invertebrate and bird species found there.

Harding Middle School - A 35- foot long mosaic illustrating the *Frankford Creek Watershed, the Delaware Estuary, and Its Relationship to the Atlantic Ocean* with emphasis on solutions to contemporary problems. Constructed by the entire student body. In addition to sculptures made by Harding students, it includes shore birds sculpted by visitors to the first *Coast Day* sponsored by the Partnership for the Delaware Estuary, and students and mentors from CIGNA’s mentoring program.

Greenberg School in Northeast Philadelphia - Two mosaics in the lobby exploring the characteristics of *Temperate Forests*. Constructed with the participation of the entire student body.

Pepper Middle School in Southwest Philadelphia – Three outdoor mosaics on the façade of the school totaling 70 feet in length expressing the *Importance of Wetlands*. It contains over 240 labeled birds that migrate through nearby Tinicum Wildlife Refuge. The entire school and employees of PNC Bank participated in its installation.

Lingelbach Elementary School in the Germantown section of Philadelphia- *A Tribute to Endangered Species*. A 25-foot long outdoor mosaic on the façade of the school. Sixty fifth-grade students spent 15 Saturdays taking relevant field trips throughout the region as part of the program, including a culminating trip on the Cape May Whale Watch.

St. Martin de Porres School in North Philadelphia – Four mosaics. Two seventh and two eighth grade classes worked together to explore *Four Major Global Issues*: Temperate forests, rainforests, oceans, and endangered species – their problems and what we can do to solve them. The works total 50-feet long.

Green Woods Charter School at the Schuylkill Center for Environmental Education in Philadelphia - A 30-foot long installation that explores the *Five Major Habitats* at the center: Fields, forests, streams, ponds, and wetlands. Every student, kindergarten through sixth grade, sculpted a species of insect, mammal, amphibian, reptile, or bird. The installation contains detailed message tiles describing the ecology of each of those habitats. It was assembled by the entire school.

McCall School in the Society Hill section of Philadelphia - A 26-foot by 7-foot mosaic exploring *Historic, Ecological, and Economic Issues Affecting the Delaware Estuary*. Six classes including third, sixth, seventh, and eighth graders participated in partnership with Earth Force of Delaware Valley

Turner Middle School - Two mosaics in the school's lobby exploring *The Status of Pennsylvania's Forests, Wetlands, Rivers and Fields*. Created with two 8th grade classes, the work contains over 150 animal sculptures and tiles suggesting possible solutions to problems in these sensitive environmental areas.

Morton School in Southwest Philadelphia - Two outdoor mosaics on the façade of the school, one 30 feet in length, expressing the concept of "*A Peaceable Kingdom*," exploring the importance of *Finding Ways to Live in Harmony With the Natural World*. The work was created by fourth graders, and included messages with their wishes for the world.

Cooke-Wissahickon Elementary School in the Roxborough section of Philadelphia – Four outdoor mosaics on the façade of the school *Exploring Local Animals*. Over 120 students created the work.

West Oak Lane Charter School – Six outdoor mosaics on the façade of the school pertaining to general science. It introduces students to a world of possibilities in: **Geology, Oceanography, Chemistry, Physics, Biology, and Astronomy**. A 75-foot long science timeline chronicles major discoveries of the past 1, 000 years. The work was created by 100 sixth grade students and entire school participated in its installation.

Lincoln High School in Northeast Philadelphia - A 135-foot long mosaic entitled *Conservation Timeline* that examines the **20,000 year history of the use of resources, waste disposal strategies of different cultures, relevant laws, diseases related to sanitation, deforestation issues in history, current world resource status, population trends, and solutions**, among other topics. Four Environmental classes, and an English and Art class worked on the imagery. Over 1,000 students then participated in the installation.

St Mary's Interparochial School in Society Hill – Two mosaics that explored *The Importance for Everyone to Participate in Protecting our Planet*. Third, fourth, fifth, and sixth grade students focused on **oceans, rainforests, and African wildlife**. The seventh and eighth grade focused on **bird life**. Students wrote their wishes for the world, and their text became a part of the mosaic. Built by the entire school.

Morrison School in Olney - A mosaic detailing *An Examination of the Effects of the 2004 Athos Oil Spill on the Delaware River, as well as the river's sociological and ecological history*. NetworkArts worked with a core group of 120 fifth, sixth, seventh, and eighth grade students. The mosaic was built with the participation of many of the other school's classes.

The Rand Transportation Center in Camden – An outdoor mosaic on the façade of the building honoring 2004 Nobel Peace Prize recipient, Wangari Maathai, for her environmental accomplishment in founding Kenya's Green Belt Movement. The mosaic was created with teen-age boys in a juvenile criminal rehabilitation program. from the Camden Center for Family Services.

Blankenburg School in West Philadelphia - Four sixth and seventh grade classes created *A Model for a Green City*. The design expresses **green architectural details following LEED standards, water quality strategies, clean energy and transportation ideas, and green, open space, and wetlands protection**. Student field trip sites included Tinicum National Wildlife Preserve for its wetlands and its "green" educational building; the Seaport Museum and Delaware River; and Fonthill Museum in Doylestown to learn how tile sculptures can tell stories. The entire school participated in the installation, filled with labeled information and message tiles. As part of the program, a group of students met and spoke with Nobel laureate Wangari Maathai.

Riletta Twyne Cream School in Camden - *A Tribute to the Delaware Estuary, its uniqueness, and the importance of water as a world issue*. The project was created with students from the sixth, seventh, and eighth grades. The entire school, from pre-kindergarten to eighth grade, participated in the installation.

Frankford High School – The mosaic explores major environmental issues, and uses the wisdom of Nobel Peace Prize winner Wangari Maathai as inspiration. Imagery depicts **loss of habitat, human population history, ocean life, and rainforest**. Text suggests **environmental protection strategies**. Five classes of art students created sculptural detail. Creative writing students wrote text on endangered species.

The Philadelphia Zoo (Children's Zoo) - A 54-foot long mosaic celebrates *Animal Neighbors*. Fifty students from North Philadelphia's T.M. Peirce School sculpted local animal life. The mosaic features large **animal images that parents and children can identify**, and the smaller labeled student sculptures add another level of detail to be explored.

The Franklin Institute – Two mosaics on the first floor, exploring *Conservation and Environmental Protection Strategies*. The mosaic features **three environmental heroes showing the power of one person to change the world – Rachel Carson, Wangari Maathai, and George Washington Carver**. The mosaic was created with the participation of the museum's PACTS students (a program designed to encourage teenagers to consider careers in science) and staff from The Franklin Institute.

Jenks School in Chestnut Hill - An outdoor mosaic in the school's playground depicting **Rainforest Life, ecology, and contemporary issues**. The mosaic was created by five fourth, fifth and sixth grade classes, and contains over 120 ceramic animals.

Math, Science and Technology Charter School in Northeast Philadelphia - Three mosaics focusing on the **relationship of the local Poquessing Creek watershed, Delaware River and Atlantic Ocean**. Students learned about the watershed and its relationship to the Delaware River, the ecological and cultural history of the Delaware estuary, ocean structure, and contemporary issues impacting fresh water supplies and ocean ecology. Three fourth grade classes and one eighth grade class created the mosaic. Many more students worked on its installation.

Cooper's Poynt School in Camden - A program *Exploring Environmental Problems and Solutions*. The mosaic features rainforest, ocean, and urban imagery, painted tiles of endangered species, and sculptures of rainforest life. It is surrounded by text tiles with over 50 suggested action steps we can take to protect the environment. It was created by a group of three sixth grade classes, and constructed by the sixth, seventh, and eighth grades. Students took a field trip to the Baltimore Aquarium.

Cramer School in Camden – Three mosaics portraying a comparative study of the **Three Types of Major Forest: rainforest, temperate, and boreal**. Four fifth grade classes studied their ecological characteristics, their current status, and things we can do to protect world's forests.

Saul High School in Andorra – Five mosaics totaling 125 feet long on the school's dairy barn facing Henry Avenue. They are designed to portray: *Sustainable Agricultural Techniques; Natural Resource Preservation; Horticulture and Native Trees; Environmental and Agricultural Heroes; and the Natural History of Domestic Animals*. Created with the participation of the entire student body.

Ocean County Library (Main Branch) in Toms River, New Jersey, a mosaic depicting the **watersheds of Barnegat Bay**, the major ecosystems of the county, 80 animals appropriate to each; 40 plant tiles relevant to each; and 37 message tiles instructing us about steps that must be taken to protect the Bay. NetworkArts worked with students from Discovery Place to create the work. As part of the process, the students took field trips to Lighthouse Center, Cattus Island, Island Beach State Park, and the National Aquarium in Baltimore. They learned about current research to save diamondback terrapins, the life of shorebirds, water testing techniques, seining, re-claiming strategies to remove excess nitrogen from the Bay, and the vast variety of ocean life. Created in partnership with the Barnegat Bay National Estuary Program.

Blankenburg School in West Philadelphia - a program entitled *Eco-connections*. The program took place in partnership with NetworkArts Northern Ireland, and St. Finian's School in Newtownards, Northern Ireland. Students explored the **power of consumers to influence the environmental impacts of day-to-day products** (food, clothing, furniture, electronics) and how our lifestyles impact the environment. They made an inventory of their neighborhood of observable features and analyzed their environmental impact. The mosaic encourages a reimagination of our world and offers suggestions for individual action.

LEAP Academy in Camden - NetworkArts worked with 3 eighth grade classes to design A Model for a *Green City*. Students constructed green architecture from CD jewel cases; learned about the importance of fresh water and about the pollution history of our own Delaware River, and made their own drawings of green cities with labeled features. They took field trips to a landfill site in Camden undergoing restoration as a future site for a youth center, and toured other brownfield sites under restoration along the Camden waterfront, led by professional geologists from an environmental engineering company and the NJ Department of Environmental Protection.

Greenfield School in Philadelphia - Two fifth grade classes of students focused on the problem of Global Warming/Climate Change. They learned about atmospheric layers and their characteristics, the electromagnetic spectrum, and the greenhouse effect. The relationships of ocean currents and world forests to climate were explored. Students learned about the concept of green cities and built their own green buildings. They took a field trip to Tinicum Wildlife Refuge to observe the green features of its education center, to explore the importance of wetlands, and to observe spring wildlife. During installation, they were joined by students from the sixth, seventh and eighth grades.

Pope John Paul II School in the Bridesburg section of Philadelphia - A mosaic program exploring environmental activism, power, and innovation. The students learned about a myriad of innovations, including the role of bacteria in the Earth's "tree of life," and as they are being employed to solve many of our environmental problems. They also learned about environmental heroes, as well as roles we all can play to make a greener world.

MetEast High School in Camden. The 20 x 10' project is entitled "*Innovation, Conservation, Sustainability.*" Students took field trips to the architectural firm of Bohlin, Cywinski and Jackson to learn about LEED and see examples of green buildings, and to the University of the Arts' Industrial Design department to hear about careers in this field, as well as biomimicry as a design tool and green products. They learned about green cities and green architecture in greater depth, learned about the latest innovations and priorities of the federal administration (e.g. smart grid, energy efficiency, nanotechnology); and the importance of habitat preservation and the role of deforestation in climate change, among other topics. Students planted spartina alterniflora seeds in the mudflat across from their school in an effort to enrich this tidal wetland. After installing the mosaic on an outside wall of the school, they took a final trip to Stone Harbor Wetlands Institute to see fields of spartina alterniflora in its salt marshes and learn more about the food chain based on spartina grasses.

Boyd School in Seaside Heights, N.J. Fifth and sixth grade students at this school face *salt marshes* every day. This program helped them learn about them in depth – how they form, the significance of the plants found there and the configuration of how they grow, the kinds of wildlife found there from microscopic to mammals, birds, amphibians, and fish. The mosaic, located in the school's library, contains fifty message tiles describing this information, as well as their sculptures and written explanatory message tiles illustrating the butterflies of New Jersey.

Prince Hall School in the Germantown section of Philadelphia. Fourth graders at Prince Hall learned about the *Ecology of Rainforests* and transformed the facade of their school into a shimmering mosaic. In the process, they transformed the neighborhood in which the school is located.

At **Mary, Mother of Peace School** in Southwest Philadelphia, seventh and eighth grade students created a mosaic entitled *Preserve the Earth*. Beginning with an examination of man's spiritual relationships with animals throughout history as expressed in world mythologies, the students focused on the legacies of St. Francis of Assisi and Chief Seattle, with their call for thinking about the natural world as our "kin." Bringing the concept to the modern day, we talked about biomimicry as a design concept, and a variety of world conservation strategies. The mosaic featured quotes from great figures from around the world expressing environmental concerns. The entire student body built the mosaic. The core group took field trips to the Philadelphia Zoo and Tinicum Nature Center.

Yorkship School in Camden. The students created a mosaic entitled *Creating a Sustainable World*. They examined products made by Terracycle, learned about Cradle to Cradle design, FSC lumber, *The Story of Stuff* - a cartoon explanation of the problems of "linear consumption," environmental heroes, and the story of the solar flashlight, and green cities, among a range of ideas. They focused on rainforest ecology as a way of preserving biodiversity. The school participated in two major recycling projects: Nike Reuse a Shoe and Terracycle. They wrote to their senators to encourage the passage of climate/energy legislation.

Wister School in the Germantown section of Philadelphia. Students focused on the three major world forests in a project entitled *Deforestation, Reforestation*, and learned about the importance of forests for biodiversity and climate.

William Cramp Public Elementary School - The students at this school in North Philadelphia participated in the design and installation of a large educational mosaic mural depicting *World Forests* with an emphasis on the Rainforest.

St. Paul's Baptist Community Center –The theme of the outdoor mural on the façade of the building in North Philadelphia is the environment, which includes such images as plants, birds, and insects, as well as images reflecting the activities at the community center, such as basketball and dancing.

ASTRONOMY:

Peirce Elementary School - A mosaic exploring the *History of Astronomy*, including the electromagnetic spectrum, and the history of rocketry. The students received letters from numerous astronauts, through the efforts of scientist-writer Homer Hickam. Hickam's boyhood fascination with rocketry was the subject of the film *October Sky*.

Henry School in Mt. Airy - An outdoor mosaic exploring a **wide range of topics in Astronomy**. Students sculpted the faces of 30 major historic figures in the field, and biographical information on each is included. Homer Hickam traveled from Alabama to dedicate the mosaic.

SOCIAL STUDIES:

High Tech High Charter School in Center City Philadelphia - Two mosaics exploring the *Twenty Most Important Engineering Achievements of the Twentieth Century*.

Lawton School in Northeast Philadelphia - A celebration of the school's 100th birthday by *Exploring the 20th Century's Political, Cultural, and Technological Events*. Created by a group of 90 fifth grade students, and installed with the participation of the entire school.

Whittier Elementary School in North Philadelphia - A mosaic celebrating the contributions made by *African-American Scientists*, created by third graders and installed with the help of many additional students.

Shaw Middle School - A mosaic exploring *Historical Highlights of the 20th Century*. The mosaic was created by seventh and eighth grade students.

The Rand Transportation Center - A 50-foot by 9-foot mosaic celebrating the *History of Camden*. Created by teenagers from the Camden Center for Family Services.

The Philadelphia International Airport (Terminal B) - A 20-foot by 7-foot installation celebrating *The History of Aviation*. Created with teenagers from the Camden Center for Family Services. The work includes portraits of nine early aviators, 50 sculpted historic aircraft, text biographies of 28 additional aviation pioneers, and the names of over 80 aircraft. The teens took their culminating trip to the Smithsonian Air and Space Museum.

Barratt Middle School in South Philadelphia – Two mosaics exploring the **20th Century**, another in a series of mosaics by NetworkArts examining the remarkable history and transitions of the last century. Created by 200 sixth, seventh, and eighth grade students.

Penn Valley Elementary School – Two mosaics titled *Communicating Knowledge*, exploring the **different social, technological, and symbolic methods mankind has employed to communicate**. Created with the participation of the entire student body.

Penn's Landing Visitor's Center - NetworkArts designed a triptych mosaic with 30 students from Henry School, celebrating **Philadelphia history, neighborhoods, political history, immigration, and rich cultural life**, entitled *Philadelphia Welcomes the World*.

St. Raymond's School in Mt. Airy - A mosaic titled *Blessed are the Peacemakers*. Students sculpted nearly **60 portraits of peace heroes**, and conducted biographical research.

Camden City Library (Main Branch); a program exploring the history of communication, from cave paintings to ipods. The project was created by students in several social service programs of the Camden Center for Family Services.

St. Peter the Apostle School in North Philadelphia the students explored the topic of "Profiles in Courage," designing a mosaic filled with heroes from all cultures who stood up for their beliefs. The mosaic beautified a basement lunchroom/public space area in the school.

Kelly School in Germantown, an exploration of the Twentieth/Twenty First Centuries. This program included oral histories taken by the students from seniors at the nearby Maplewood Manor Nursing Home.

St. Thomas Aquinas School in South Philadelphia - A mosaic program exploring great ideas that changed the world.

Furness High School in South Philadelphia - a project celebrating William Shakespeare, His Life, Times, and Works. The school's namesake, Horace Furness, was a great Shakespearian scholar. The mosaic depicts 9 of Shakespeare's plays – *The Tempest*, *Macbeth*, *Taming of the Shrew*, *A Midsummer Night's Dream*, *Hamlet*, *Othello*, *Julius Caesar*, *Romeo and Juliet*, and *The Merchant of Venice*. Students from 11th and 12th grade designed tiles illustrating the plays. English classes created information tiles about the plays, quotes, and Shakespeare's life. The Walnut Street Theater performed *Macbeth* for the students as a part of this project, and the Drama Club performed *A Midsummer Night's Dream*. The mosaic is located on two landings of a stairwell leading up the school's main office.

St. Nicholas of Tolentine Elementary School - The students at this school in South Philadelphia participated in the design and installation of a large educational mosaic mural depicting the diversity of the neighborhood. It is entitled *South Philadelphia: Its History, Culture, and Faith*.

HEROES AND LEGENDS:

A series of mosaics with children that celebrate cultural heroes.

NetworkArts worked with 100 children from different Philadelphia communities to create four mosaics examining different aspects of the complex life and career of jazz giant **John Coltrane** as follows:

Strawberry Mansion Middle School - *The Coltrane Legacy*, containing tiles depicting over 21 musicians whose work has been influenced by Coltrane.

Palumbo School - *Coltrane Landmarks*, depicting the four major stages in his career, and containing over 30 tiles celebrating his performed works and compositions.

Shaw Middle School in West Philadelphia - *Coltrane Journey* depicting the non-jazz influences on Coltrane, including world religions, Greek philosophy, math, and world music.

John Coltrane Society's Memorial Garden - *Giant Steps* depicting seven key album covers, tracing his career from his work with Miles Davis to his own compositions, and his great masterpiece *A Love Supreme*. Each mosaic was preceded by a multimedia educational program on the life of John Coltrane.

Palumbo School – Five mosaics celebrating legendary choreographer **Alvin Ailey's** masterpiece, *Revelations*. This program was accompanied by a video viewing of this work, and *The NetworkArts Ailey Camp*, a six-week summer program offering children a combination of dance, art-making, and personal development training, with Ailey dancer alumnae as faculty.

Philadelphia Community Academy, Kensington – *A Tribute to Mexican Artist Frida Kahlo*.

North Camden Recreation Center – Two outdoor mosaics. *Tributes to Roberto Clemente and Jackie Robinson*, created by neighborhood children.

Vernon Park in Germantown - An outdoor tribute to jazz artist **Sun Ra** as part of the Mellon Jazz Festival. Installed by students from Pickett School, Germantown Settlement Charter School, and numerous community groups. Over 150 community children participated.

North Philadelphia Headstart (formerly St. Elizabeth's School) - A mosaic celebrating **Philadelphia's Jazz Heritage**. NetworkArts was invited by The Free Library of Philadelphia to create after school arts programming in ten North Philadelphia library branches over a two-year period. Partnering with the Clef Club, NetworkArts offered programs in jazz history, lecture/demonstrations, jazz and poetry, and percussion. The collages of Romare Bearden were studied, and students created sculptures and plaques commemorating 75 important jazz artists who worked, lived, or were born in Philadelphia. During installation, Project HOME and over 200 neighborhood residents participated. The Clef Club Junior Ensemble performed during a Saturday community installation day.

Ferguson School in North Philadelphia - A continuation of the jazz project with the Free Library of Philadelphia. Classes were held at five library branches, featuring art making and lecture/demonstrations by jazz luminaries. At Ferguson, students explored **jazz history** and made drawings and sculptures for the mosaic that celebrates jazz luminaries. Students researched many of the jazz musicians documented in the mosaic.

St. Raymond's School in Mt. Airy - A Mosaic entitled *Blessed are the Peacemakers*. Students sculpted nearly 60 portraits of peace heroes, and conducted biographical research. The mosaic is situated in the school's gym/cafeteria/public space. Portraits included Lech Walesa, Mahatma Gandhi, The Fourteenth Dalai Lama, Nelson Mandela, and Martin Luther King, Jr., among many others.

Aletha Wright County Administration Building in Camden - A *Tribute to New Jersey* by students from social service programs. The wall features New Jersey luminaries including Toni Morrison, Buzz Aldrin, Walt Whitman, Woodrow Wilson, Bruce Springsteen, Paul Robeson, Albert Einstein, and Thomas Edison.

St. Peter the Apostle School in North Philadelphia - Students explored the topic of *Profiles in Courage*, designing a mosaic filled with heroes from all cultures who stood up for their beliefs. The mosaic beautified a basement lunchroom/public space area in the school. Among the sixty heroes were Benazir Bhutto, Raoul Wallenburg, Galileo, Aung San Suu Kyi, and Frederick Douglass.

At Furness High School in South Philadelphia - A project celebrating **William Shakespeare, His Life, Times and Works**. The school's namesake, Horace Furness, was a great Shakespearian scholar. The mosaic depicts 9 of Shakespeare's plays – *The Tempest, Macbeth, Taming of the Shrew, A Midsummer Night's Dream, Hamlet, Othello, Julius Caesar, Romeo and Juliet, and The Merchant of Venice*. Students from the 11th and 12th grade designed tiles illustrating the plays. English classes created information tiles about the plays, quotes, and Shakespeare's life. The Walnut Street Theater performed *Macbeth* for the students as a part of this project, and the Drama Club performed *A Midsummer Night's Dream*. The mosaic is located on two landings of a stairwell leading up the school's main office.

Aletha Wright County Administration Building – Second year of a three year effort to transform the lobby of a building which serves Camden's social service needs. Working with a new group of teen boys from Camden's Center for Family Services and continuing the theme exploring **New Jersey Luminary Figures**, the wall depicts the legacy of the Lenni Lenape, Richard Cooper (founder of Cooper hospital), Grover Cleveland, suffragette Alice Paul, Jersey Joe Walcott, Enrico Caruso, salsa singer Celia Cruz, and Campbell Soup chemist John Dorrance.

St. Paul's Baptist Community Center in North Philadelphia - A 4-panel installation in its community center celebrating its neighborhood and **Philadelphia Landmarks**. The room is used by the entire community for camps, weddings and other public functions. It was created by students in two summer camp projects at the Center.

Aletha Wright Building, Camden - Students completed the final part of the three year project to transform the building's lobby.

MANDALA PROJECT (World Cultures):

Emlen School in Mt. Airy - A mosaic created as a **Living Memorial to the Victims of 9/11**, illustrating the hymn *America the Beautiful*. Begun literally a day after the tragedy, it contains sculptures of people, families, police cars;

and messages about *How I Can Live My Life to Honor Those That Died, What I Wish for the World, and Why I Love My Country*. By virtue of the timing of this project, it is a contemporaneous living history of the students' thoughts and feelings in the immediate aftermath of the tragedy.

Cramer Hill Recreation Center in East Camden. Two outdoor mosaics. The first celebrates the *Taino Indian Culture of Puerto Rico* through glyphs that have been discovered on the island. The second explores *African Textile Design* from countries throughout the continent. Created by neighborhood children.

Camden Health Clinic, 515 Broadway - *Personal Logos*, an outdoor mosaic created by children working together from Chester, PA and Camden. It consists of a mandala made up of children's individually created logos, and is surrounded by two cityscapes representing the cities of Chester and Camden.

Bartram High School in Southwest Philadelphia – Two mosaics created by 200 *English As a Second Language* students, expressing **America's unity and diversity**. One contains castings of faces of 16 students from around the world. The other contains a map of the United States with handmade symbols of the countries of origin of the students, entitled *E Pluribus Unum*.

North Camden Market, 5th and State Streets – An outdoor mosaic expressing *Cultures of the Neighborhood -- Mexican, Dominican, Puerto Rican, Cuban, and African American*. Created by children from the neighborhood.

North Camden, 5th and Vine Streets- An outdoor mosaic on a parochial school with **student poems and figures of angels**. Created by children from the neighborhood.

Palumbo School - *A Map of Europe*, containing written information and ceramic symbols of the countries of the **European Union**. Created by sixth graders.

Penrose School in Southwest Philadelphia - A mosaic exploring the great need for **mutual and cross-cultural understanding** in the wake of the September 11 tragedy. Created by fifth grade classes.

Drew School in West Philadelphia – With the Philadelphia Eagles Youth Partnership, a 55-foot mosaic exploring *Students' Hopes and Dreams*. Created with the help of the entire Philadelphia Eagles football team and Drew students, the mosaic contains a pyramid of aspirations with 40 career goals of the students, as well as their wishes for themselves, their neighborhood, and the world.

MYRNA BRIND INTERGENERATIONAL PROJECT (Students and Seniors Together):

Cheltenham York Road Nursing Home in East Oak Lane. A mosaic created with students from Ellwood School, **celebrating the passing millennium** and the concept of *metamorphosis*. Based on reminiscences of seniors, it contains images of Martin Luther King, the technological revolution, and personal memories.

Care Pavilion Nursing Home in West Philadelphia - With students from **Hamilton School**, a mosaic expressing *Timeline*, with **memories expressed by seniors and researched by students**, and student-made ceramic portraits of the seniors.

Care Pavilion - A mosaic near the lobby entitled *Gardens*, containing **flowers with special memories for seniors**.

Hamilton School in West Philadelphia – An outdoor mosaic by students and seniors from Care Pavilion Nursing Home, with the theme *Hamilton School and Care Pavilion Together*. The mosaic contains images and poems by students celebrating the theme, and represents the first time nursing home seniors have actually been engaged in mosaic construction at a community site outside of their nursing home.

Maplewood Manor Nursing Home in Germantown - *The Garden of Eden*.

Maplewood Manor - *Musical Memories*, a celebration created by seniors and third grade students from Germantown Friends School tracing the seniors' **musical memory landmarks**.

Maplewood Manor - *Movie Memories*, a mosaic celebrating **great movies and movie stars meaningful to the residents.**

Cliveden Nursing Home in Germantown - *Memories of Celebrations*, a mosaic in the dining room celebrating the concept of **family dinners and holidays.**

Cliveden - *Memories of Place*, a mosaic celebrating the **favorite landscapes of senior's memories.**

Tucker House Nursing Home in North Philadelphia - *The Garden of Eden*, a mosaic with **faces, animals, and plants** brightening a main downstairs meeting room.

Tucker House - *Tree of Life*, based on **Mexican tree of life imagery.**

Germantown Nursing Home. - *Philadelphia's Musical Heritage.*

Germantown Home - *The Quilt Project*, four mosaics, each 8 feet high, celebrating **quilts and their personal content.**

Cheltenham York Road - Students from Ellwood School joined seniors in exploring the concept of *Role Models - Inspire*. The project celebrates **role models in literature, sports, politics, arts, and science.** In addition, students and seniors worked together to make individual mosaic panels that were hung in each senior's room.

Germantown Home - A mosaic panel in the Chapel containing peace doves and nautical imagery.

Maplewood Manor - A mosaic expressing childhood memories of the residents and how they continue to pass on traditions. The images represent the interactions of different generations and moments of which they both learn from each other. Students from St. Raymonds' School and Mount St. Joseph Academy worked with the residents.

Germantown Home - A mosaic in a common room area depicting a vista and a picnic scene. High school student interns from a nearby branch of the Free Library worked with seniors to create the sculptures, to brainstorm about imagery ideas, and to install the final work.

Paul's Run Home in Northeast Philadelphia – Residents created a garden-themed mosaic for an outdoor courtyard, working with students from George Washington High School.

Artman Lutheran Home in Ambler, PA - A 4-panel installation expressing the seasons, located in the main courtyard of the facility. Students from a number of local schools worked with residents on this project.

Paul's Run Senior Living Facility and Nursing Home - The mosaic which in the exercise room includes a cyclist, a jogger, walkers, and an array of natural park-like elements.

SPECIAL PROJECTS:

NetworkArts is often invited to help communities celebrate achievements and special themes through the art of mosaic.

McCaffery Housing Project in Chester, PA - Three mosaics based on themes selected by community residents and children as follows:

- a. *I Love My Community*
- b. *McCaffery Island*
- c. *Personal mandalas*

Elkins Park School - Celebrating the school's award of **Blue Ribbon Status.**

Carroll Park Community Association in West Philadelphia - celebrating the **installation of a new playground.**

Pollock School in Northeast Philadelphia – Two mosaics illustrating three stories with themes related to the **African Rainforest, Native American culture, and Caribbean culture.**

Rhawnhurst School in Northeast Philadelphia - Major installation on the front outdoor columns celebrating its **50th anniversary**, including over 450 tiles painted by each of the school's students and teachers.

Rhawnhurst School - Interior wall mandala also created in honor of the school's 50th anniversary, expressing the **general academic themes of the school's curriculum.**

Palumbo School - *Pursuing Dreams Together*, assembled by all 300 of the school's students.

Palumbo School - A celebration of the **Importance of Reading**, created by eighth grade students entitled *Reading is All Around Us*.

North Light Community Center, Manayunk - A mosaic expressing the **Industrial History of Manayunk.**

Kensington - Philadelphia Safe and Sound and the Family Planning Council invited NetworkArts to work with youth from several local neighborhoods in to create an outdoor mosaic that expresses **the dreams of children for themselves and their community.** The mosaic, titled *Our Dreams*, contains ceramic facial portraits of the students and texts of their dreams.

Hill-Freedman School in Germantown - Lobby installation containing **tiles with flower paintings** made by all 300 students of the school, assembled in the shape of a tree which covers three sides of a lobby ramp.

Angel Perez Recreation Center, East Camden - **Outdoor decorative mosaic.**

Pollock School - A lobby installation celebrating the **academic programs of the school**, titled *Pieces of Pollock*.

Webster School in Frankford - Celebrating the *Factory Heritage of Nine Philadelphia Neighborhoods.* NetworkArts was invited to create the work by the Philadelphia School District's Service Learning Office and the Philadelphia Industrial Development Corporation. It worked in partnership with the Foundation for Architecture. The program was designed to break barriers between factories and community, to contribute to the lessening of vandalism, and to encourage area students to think about future careers in neighborhood factory businesses. NetworkArts won an award from the School District for this project.

SHARE Food Distribution Center in Hunting Park - A mosaic with the theme **Nutrition, And the Worldwide Production of Food**, celebrating Share's 15th anniversary. SHARE provides affordable and high quality food to soup kitchens and individuals.

City Council Chambers (Reception Area) in Camden - NetworkArts was invited by the Camden City Council to create a 10-foot long mosaic installation. To prepare for it, NetworkArts conducted a citywide writing contest on the theme *Where There Is No Vision, The People Perish*. The mosaic features excerpts from these writings, facial castings of students and miscellaneous symbols created by children.

Germantown Settlement Charter School - A mosaic with performing art images designed to create the outdoor facade of a performing arts center on campus.

Campbell's Field (Camden Riversharks Baseball Stadium) – Six mosaics throughout the stadium celebrating baseball themes. They were created by children from Puerto Rican Unity for Progress, and teens from Camden Center for Family Services

The Ronald MacDonald House of Southern New Jersey in Camden - An installation in four stairwells expressing **Ocean Themes.** The installation consists of 12 panels constructed by teens from the Camden Center for Family Services.

Constitution High School in Philadelphia - A mosaic judicial seal for the judge's bench in the school's Sandra Day O'Connor Moot Courtroom, also adopted as the school's logo.

NETWORKARTS NORTHERN IRELAND:

Glenarm Village - *The Fish of Glenarm Bay*. Chronicling the **local coastal area sea fish life**. The project involved almost all youths in the village.

YMCA in Larne – *Community*. Area students explored the **meaning of community** in a neighborhood that was previously plagued by religious tension.

Glenarm – A Catholic and a Protestant School worked together to design and build two mosaics, one in each school.
a. ***Ocean Layers*.**
b. ***Mini-beasts*** – A closer look at insects.

***Queens Golden Jubilee Project*, Larne -** This 22-foot long mosaic documented the **timeline of the town**, including dates and events of historical interest.

Queens Golden Jubilee Project, Glenarm. This mosaic involved both youth and adults in the village producing a map, highlighting **Glenarm buildings of local and historical interest**.

***Bangor Marina Project* -** Five schools working together, each creating a 15-foot long mosaic on themes related to the **history of Bangor**.

***Duneene School* -** A 10-foot by 8-foot mosaic ceramic tree filled with **ceramic animals and birds**.

North Down and Ards Institute of Further Education - Students created a mosaic **celebrating the 60th anniversary of D-Day**. The 30-foot by 9-foot work contains warships, planes, soldiers, maps and text.

St. Finnian’s School. As students from West Philadelphia’s Blankenburg School were studying their project entitled “Eco-connections,” students from this school were creating a simultaneous environmental project. The students were able to ask each other questions and send each other photos and written materials.

PRIVATE COMMISSIONS:

Home in Mt. Airy -*An English Garden*.

Partnership for the Delaware Estuary - An Estuary scene.

***Coastal Day on the Delaware Estuary* -** NetworkArts was invited to create a mosaic installation as part of the first Coastal Day created by the Partnership for the Delaware Estuary.

Partnership for the Delaware Estuary -Plexiglass mobile featuring the animals of the Delaware Estuary created by youth from Camden