Creative Career Connections



People, Place, Potential

NEXT.cc is a 501 © 3 founded in 2007 to disseminate design opportunities across the world engaging youth voice and participation.



NEXT.cc STEAM by DESIGN WEBSITE local, regional, national and international awards.

YEAR: 2009-Present

CHALLENGE: Create a team of architecture students and professionals to connect architecture and design with imaginations to explore the world right from wherever they are.

ROLE: Keane expands NEXT.cc eLearning offerings worldwide

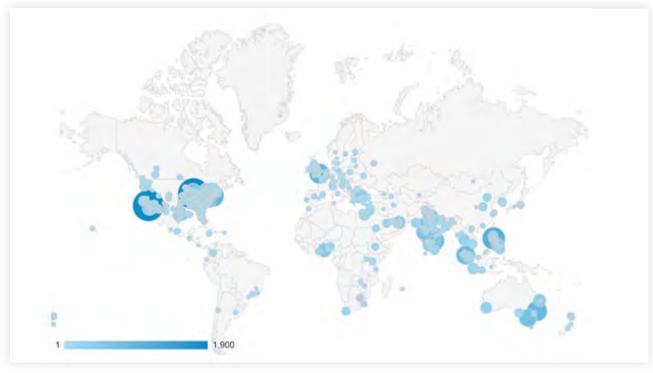
OUTCOME: NEXT.cc is recognized with local, regional, national and international awards boosting its use and dissemination.

"The four Nominees stand high atop what was a very competitive field of applicants." Such efforts prepare students, whether they choose to pursue architecture or not, to become active citizens engaged in public discourse, and with minds opened to the needs and uses for quality architecture. Speaking for the entire jury, we were delighted by each.

The importance of their work cannot be understated. Nominees' highly creative approaches, quality output, and labors to ensure their activities be sustained over time. These are honors well deserved."

Ted Landsmark, President of the Boston Architectural College, Chair of the U.S. Jury.

Imagination knows no age, race, creed, color, or location. It is human capital waiting to be tapped.



Reaching out to cities all over the globe on a 24/7 weekly basis with use of NEXT.cc

"Linda Keane is a visionary designer, educator, and activist who is making the multivalent experience of being an architect accessible to people all over the globe via NEXT.cc, and bringing people from across the globe together in classrooms and conferences."

Helen Slade, Executive Director, Territory

I have personal knowledge of the nominee's responsibility in designing and facilitating the exhibit listed above. That responsibility included: the projects under direction of the nominee. — Barbara Shatry, Founder and Board of Directors, LAG Architektur und Schule

AWARDS

2019: AIA Illinois CNR Award in Education 2018: ACSA Creative Achievement Award 2012: NEEF National Environmental Education Foundation Green STEM Innovator Award

2011: UIA Golden Cubes Media Education for Children

2011: AAO Design Media USA Nominee

2011: Wisconsin Arts Board Creative Communities Award

2009: USGBC Excellence for Green Building Education Award

2009: SAIC Presidential Urban Engagement Award 2009: American Architectural Foundation Merit Award for NEXT.cc

NEXT.cc K-16 Architecture and Design eLearning

 Architecture serves the diverse population of the world. It is the second skin of the earth, with our past, present, and future written in its DNA. It is everything to human prospect and well-being.

YEAR: 2007 to Present

CHALLENGE: How to reach 56+ Million Children in the US, especially the 2/3rds that will not attend college, with Architecture and Design Opportunities.

ROLE: **CO-FOUNDER and CREATIVE DIRECTOR** Keane establishes an online
eLearning Website, NEXT.cc, to reach
children in underserved schools acroos the
country and around the world.

OUTCOME: Working with K16 teachers, Administrators, and College Art, Architecture, Design ,and Environment students, Keane created the NEXT. cc 501©3 available for free, 24/7, as inspiration for student led curiousity and compassion about the built and natural worlds.

"Your presentation was great and the NEXT. cc site is fabulous. What a great gift to the rest of us! Thanks very much for an awesome workshop! You inspired me to collaborate to start a new architecture curriculum this year for the whole school of nearly 1600 4th and 5th graders."

Craig Mammet, Sheboygen Teacher



e-Learning Network in Built Environment Education

Keane champions the right of children of all ages to be included in design processes imagining change in communities. With design education basically non-existent in K12 and in K12 teacher education, the development of the free, eLearning Resource, NEXT.cc, for place based project learning, prepares students as engaged citizens and urban stewards.

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NEXT.cc K-16 Dissemination of TOOLS, LANGUAGES, DISCOVERY, and DESIGN Opportunities

TOOLS

NEXT.cc shares tools used by scientists, artists, environmentalists and designers and most people to investigate, interact and learn from the world.

LANGUAGES

NEXT.cc invites everyone to be explorers and to see the world by looking closely from wherever they are. Bold Language Journeys introduce vocabulary and sets of ideas that look at taxonomies of relationships inspiring wonder of the built and natural world.

DISCOVERY

Discovery Journeys invite everyone to consider human impact in the world and how technology, culture, economy, and location shape design responses.

DESIGN OPPORTUNITIES

NEXT.cc offers bold design opportunities enhancing learning experiences imagining new relationships. Participants write, sketch, paint, draw, photograph, animate, model and build on-line inside, and become world activists outside.

CHALLENGE: For 56.6 million US K-12 students, Architecture and Design is not taught until college in the United States. Understanding architecture as a living entity that supports well-being as part of larger earth, air, water, and energy systems empowers youth voice and participation in the very places where they live and learn.

ROLE: **Developer and Director** Keane empowers imagination and urban and environmental stewardship in the next generation of leaders who create design resources for students.

OUTCOME: 1988–1991 Delivered High School Career Days in Chicago with AIA Chicago (Jane Lucas, President, 1988–1991) exposing high school students to architecture, engineering and design careers.

OUTCOME: 1994–2004 Keane delivered Architecture and Design projects at Career Days in Shorewood Schools as a rare female architect versed in Interiors, Architecture, Landscape Architecture and Urban Design.

OUTCOME: Students eagerly designed spaces, gardens, buildings, and cities; Keane realized students needed design opportunities.

ROLE: 2002 **Co-Author w/** Mark Keane and UWM students, she choreographed the first NEXT.cc Book of 16 activities.

OUTCOME: Racine School teachers remark, "These are great! Do you have more?"

2006: **AUTHOR** w/ UWM Architecture student, A.Manto, Keane creates a 64 'turn the page' Journey NEXT.cc eLearning Website.

2007: Co-FOunder w/ M. Keane, Linda created a Board of Directors and applied for 501(c)(3) status with Jackie Boynton, for the educational non-profit eLearning resource, www.NEXT.cc, Inc.

2009: **Author** Keane published by teacher request, NEXT.cc: What Design Is, What Design Does, and Why Design Is Important featuring the first 101 TOOLS, LANGUAGES, DISCOVERY and DESIGN Journeys; editors, K.Hinz/M. Keane

2009: **CREATOR** working with R. Tiede, T. Elemendorf, P.Alfuth, and T.Kimble (webmaster), Keane adds sortable scales and subjects, online reviews, explore links, and related journeys.

OUTCOME 2013

NEXT.cc is Listed with GUIDE STAR Non Profits and reaches imaginations around the world.

AWARDS

AIA ILLINOIS Nathan Clifford Ricker Award 2019 2019 ACSA Creative Achievement Award 2018 2011 UIA Golden Cube Design Media Award 2009 USGBC Excellence in Green Building 2006 Green Works Award, City of Chicago

2021 NEXT.cc Publishes CREATIVITY CONNECTIONS

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NEXT.cc Standards Alignment



"Very impressive website. I'll share it with my school! Thanks!" Marie Kolker, EdD Physics & Engineering Teacher, Morristown HS, PLTW Master Teacher, NJSTA Board

"Thank you, Linda, for your kind note (concerning Architecture as an official STEM subject). We owe you for the exemplary work you have already done to pave the way. I am sharing your note with our leadership and am certain we have many more opportunities to build out this worthwhile work together."

Robert Ivy, EVP/Chief Executive
Officer, The American Institute of Architects

• In the 21st century spirit of generous sharing and collaborative practices, design as active research that learns from the world, engages the world, and aims to improve the world. STEAM (Science, Technology, Engineering, Environment, Art, Architecture, and Math) by Design introduces a multifaceted approach to 21st century education that transforms discreet subject introduction in schools to project-based motivational learning, place-based active citizen engagement, and career connections.











CHALLENGE: How to introduce architecture and design as K12 Standards aligned teaching and learning through online activities, in the classroom, in the community, and globally.

YFAR: 2012 - Present

ROLE: STANDARDS ALIGNMENT DIRECTOR
Keane works to fund alignment of NEXT.cc with
Wisconsin Art and Design Standards, (NGSS)
NEXT Generation Science Standards for K-2,
3-5 and 6-8, and (NAAEE) North American
Association for Environmental Education
Standards.

OUTCOME: NEXT.cc delivers NGSS Cross Cutting Concepts through transdisciplinary place-based project learning activities.

OUTCOME:

NEXT.cc reaches young people, their teachers, and their families with meaningful learning experiences that create positive influence on lives and outcomes

"I was just sharing your website the other day with some educators and telling them how great your work is because it incorporates so many various disciplines together. Not to mention as it makes STEM into STEAM:) Keep up the great work!" Catherine Mott, Muskegon Art Museum

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NEXT.cc Student Gallery of Work

YEAR: 2009- Present

CHALLENGE: How to share student work with other students and teachers to build literacy and create interest in project-based learning.

ROLE: **Developer** Keane develops an online gallery of student work to inspire others to engage in the wonder of the built and natural environments as a step toward informed.engagement, activism, and stewardship.

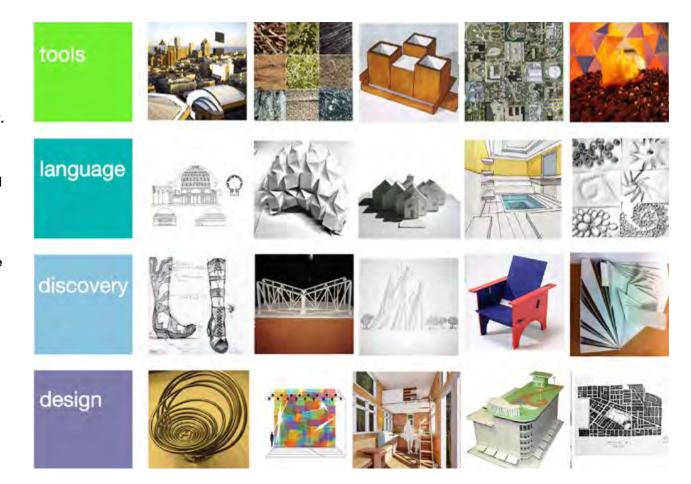
OUTCOME: Students become explorers of the world- drawing, modeling, experimenting, and sharing ideas.

"I just wanted to email you and tell you how great Next.cc is! You and I first discussed this incredible resource a few years ago at the Visioneers Design Challenge in 2010. Since then, I have utilized its information and resources countless times within my classroom."

Nick Potts, Art Educator, Mount Horeb Schools

"I just wanted to let you know that after 2 or 3 years of being on your list of pilot teachers, I am finally using the site in my classroom. My kids LOVE it! They are 12–14 yrs. old and are finding so many great journeys to go on. We are using it as a way to teach independent projects in a more guided way before they leap off in designing their own journeys. I have never seen a group of 7th and 8th grade students so engaged for an hour working independently on their computers... wow."

Victoria Rydberg, RIVER CROSSING 7-8, Wisconsin Green Charter School Teacher of the year 2009, WIEE DPI



"Territory and Keane share a commitment to creating opportunities for young people to have an impact on their own communities through the design of the built environment. Since Territory became a non-profit in 2016, Keane has offered her insights into our curriculum, design process, and networks. She has advised Territory on nature play spaces, shared the NEXT.cc toolkit with our design teams, and been a true booster. During this global pandemic, Keane's generosity with her expertise and the open source design tools on NEXT.cc are even more valuable as educators and young people shift to online learning." Helen Slade, Executive Director, TERRITORY NFP

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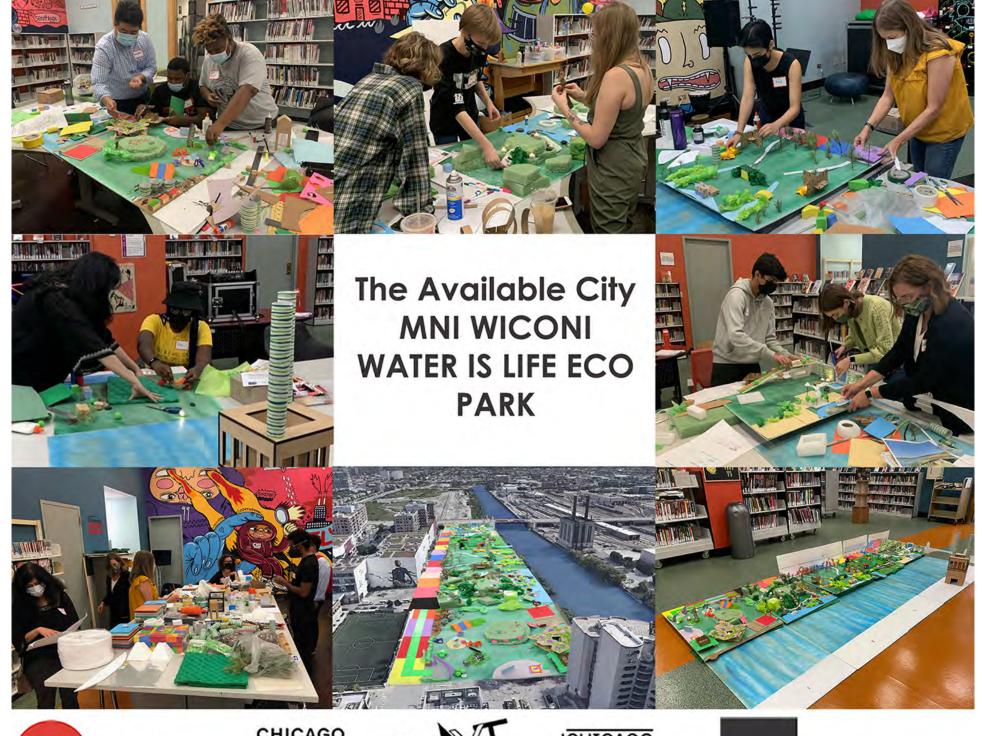
























NEXT.cc Steam by Design z ©02031 ©

"NEXT.cc hits the 21st Century learning sweet spot! It is brilliant scaffolding for design-based learning. NEXT.cc delivers content in context embedded in templates and tools.

It is at the right level between abstract concept and concrete instantiation. It builds both subject matter mastery and meta-cognitive skills. It reifies domain knowledge transparently as generative engagement. Seamlessly, it inculcates habits of attentive observation, heuristic discovery and self- reflection. It speaks epistemological authority with a light, nonpedantic voice. It frames design broadly as best expressed by Herbert A. Simon, pioneer of computer science and artificial intelligence.

"Beyond all that, NEXT.cc is intrinsically motivating – which is the fancy term for FUN!" Arnold Wasserman, THE IDEA FACTORY



art & design — expression, imagination, exploration of life and culture



architecture — indoor & outdoor living spaces, buildings, and groupings of buildings connected with natural and non natural living systems



language arts — word power, world literature, comprehension, composition, and communication



engineering — imagining the future through an iterative process involving modeling and optimization within given parameters



STEAM by DESIGN connects art, architecture, engineering and construction as dynamic creative processes and drivers of 21st century innovation. Connecting young people to the very places that they live and learn through the mind of the architect and engineer, NEXT.cc looks at how culture, society, technology and the environment shape design responses.

Accessing architecture through transdiciplinary journeys, participants draw, paint, write, sketch, animate, model online inside, and become architectural investigators outside. Journeys link with virtual field trips, global institutions, museum collections, and global art, design and architecture practices. Participants research relationships between objects, people, and space, and brainstorm ideas to solve problems as participants, urban stewards, and environmentalists.

Students analyze sites, develop programs, experience the iterative design process and design making. They propose streets, bridges, buildings, cities and landscapes. Empowered to collaborate, create and communicate, students become active participants, place makers, and urban stewards of the built and natural environment.



environment — spatial and temporal relationships of the natural and constructed worlds



eco literacy — personal affinity with life on earth through outdoor activities creating cultural and environmental sense of place, purpose, and stewardship



health & pe - balanced condition of the mind, body, spirit, and environment, connecting personal, communal and global health



math — measurement and relationship of known and unkown quantity, structure, space and time



science — analysis of material, energy, forces, products, environments, living and non-living systems, and generation of designs



social studies — experience, observation and reflection of human creation, adaptation, and change to cultures over time



technology — introduction and access to tools to share information, visualize ideas, and communicate across a broad band of media



digital fluency — access to and use of broad cultural practices to communicate, collaborate, and create