

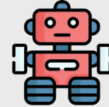
Architectural Modeling System and Project-Based Learning Resources



Cardboard modeling system and engineering kits for all learners.



Level-up with LED lights, motors, renewable energy kits and more!



Play-based design challenges for STEM lab, centers, and specials.



Cross-curricular standards-aligned projects for deeper, applied learning

AWARD-WINNING MODELING SYSTEM

3DuxDesign cardboard-based modeling sets are perfect for any STEAM project. Build architectural models, prototype inventions, engineer a new bridge, or construct an entire sustainable city.

- Cost-effective, easy-to-use, and reusable
- Works with any cardboard for endless creativity
- Level up with LED circuits kits, motorized bots, and renewable energy packs



STANDARDS-ALIGNED PROJECTS

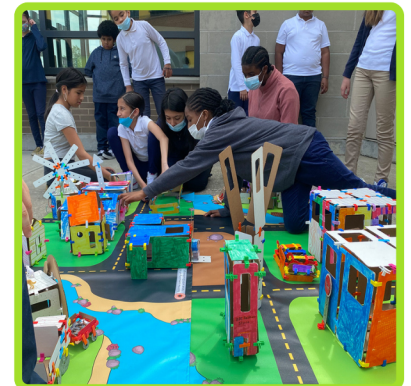
Choose from a range of community-centered resources, from playful 30-minute design challenges to more structured NGSS, math, ELA, ISTE, and SEL aligned lesson plans,

- Proven to boost STEM and 21st century competencies
- Projects from pre-K through 12th grade
- Easy-to-follow facilitator guides and video tutorials
- Student guides, worksheets, and templates included
- Professional development options



THE GLOBAL FUTURES CURRICULUM

The Global Futures Design Lab is an interdisciplinary team-based challenge and product package that connects students to the world around them. Using the design thinking process, students celebrate community, culture, and the environment as they collaborate to build solutions to challenges. The Student Project Showcase empowers youth with a platform to share their ideas and become true agents of change.



Product Listing

Classroom Essentials

Go-Box Classroom Kit
\$219.95



Go-Box Pro
\$299.95



Flexible "Site Map" Mat
\$89.95

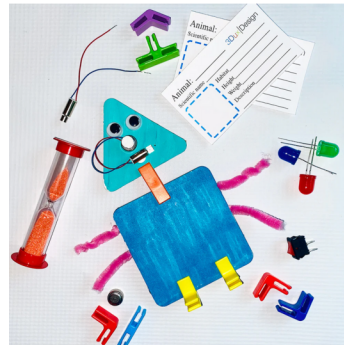


Add-On's and Personal Packs

Go-Pack small group
start at \$25



Build-a-Bot
start at \$89.95



Sustainable Energy Set
\$239



Book-n-Build Kits

Boxitects STEM Pack
\$189.95



Bella Goes to Outer Space
\$24.95



Grady Bear
\$24.95



Capability Statement

Core Competencies:

3Duxdesign provides hands-on modeling materials and associated standards-aligned learning resources for K-12 students. Proven to build STEM, essential life, and social-emotional (SEL) competencies, 3DuxDesign's community-centered architecture, engineering and urban design projects offer a highly engaging and effective tool for authentic and deeper learning that extend beyond the classroom.

Differentiators:

- **Off the shelf.** Cross-curricular standards-aligned resources with detailed guides and tutorials for guaranteed success.
- **Proven results.** Demonstrated to build STEM skills and future-ready competencies.
- **Budget-friendly.** Reusable, versatile modeling materials for endless creativity.
- **Easy and engaging.** Reach *all* students through a play-based pedagogical approach supporting diverse learning styles.
- **Scaffolded projects.** Basic, no-tech projects for novice STEM learners; level up with electricity packs, motors, and renewable energy kits for advanced learners.
- **Community-Centered Learning.** Empowers students to identify, design, build, and present solutions to real world challenges to create positive impact.
- **Career Exploration.** Multidisciplinary, team-based projects introduce youth to diverse paths based on interests and aptitudes.
- **Fully customizable products and programs.** Custom designed classroom, camp, and enrichment program kits and projects based on program needs.

Past Performance:

Custom STEM/SEL kits and curriculum development for Dallas Hybrid Prep School 2020-2021, Dr. Olga Romero, Founding Principal, olga.romero@fwisd.org

Custom STEM/ project-based learning program design for biomedical school 2021-2022, Founding coordinator, Natalie Cruz, nacruz@dallasisd.org

Computer Science for Early Learners product and learning resources provided for in-class and enrichment programs, 2021- current, CSTANJ Vice President, Paige Besthoff, pbesthoff@spsd.us

STEAM kits for 31 Free Library LEAP programs across City of Philadelphia, 2023, Maggie McGinn, maggiemcginn215@gmail.com

Provided materials and learning resources for STEM enrichment programs 2022-current, Laurie Yager, Director at Large Madison-Oneida BOCES/NYSCATE lyager@moric.org

Recent Speaking Engagements and Professional Development: ISTE 2021,2022, 2023, FETC 2023, TCEA 2023, CSTA-NJ, MassCUE/ASCD

Contract Manager: Marci Klein M.D.,
President & CEO, 3DuxDesign
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203-522-3523

Company History:

Marci Klein M.D. is a clinical and academic pediatrician with over 25 years' experience in early childhood development, education, and social - emotional health. She transitioned into education developing 3DuxDesign products and educator resources with a goal to create more engaging, deeper, and authentic learning opportunities that support all learners.

Product Codes:

- FEIN 822616644
- UEI: YPMDPSUK5NP7
- CAGE Code: 9PU81
- Certifications:
 - WOSB WOSB23460
 - WBE WBE23459
 - HUB Zone (pending)
- NAICS 339930 - Doll, Toy, and Game Manufacturing

Payment options:

Check
Check
Credit card
Paypal

