Making and Tinkering at Home and at School Webinar
Cate Heroman and Lianna Kali
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Professional Books and Websites


- STEM Experiences for Classrooms. Retrieved from https://regentsctr.uni.edu/regents-center/places-teachers-start

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• Tinkering Fundamentals: Circuits. Retrieved from https://www.coursera.org/learn/tinkering-circuits

• Tinkering Fundamentals: Motion and Mechanisms. Retrieved from https://www.coursera.org/learn/tinkering-motion-mechanisms


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**Children’s Books**

**Light and Shadow Play**


**Balls, Ramps, Marble Machines, and Chain Reactions**


Apps for Children

Nico and Nor Shadow Journal
Nico and Nor Shadow Play
Nico and Nor Ramps Journal

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Teaching and learning STEM subjects (science, technology, engineering, and mathematics) is more accessible than ever before! Children will be inspired, delighted, and challenged as they use everyday materials and STEM concepts to design and build solutions to problems faced by characters in their favorite books. This practical, hands-on resource includes:

- 25 engineering design challenges appropriate for children ages 3–8
- Suggestions for creating a makerspace environment where children can tinker with materials, use tools to make creations, and improve on their ideas
- A list of 100 picture books that encourage STEM-rich exploration and learning
- Questions and ideas for expanding children’s understanding of STEM concepts
- A planning template so you can create your own design challenges

Use engaging children’s books together with the guidance and ideas in this book to extend children’s problem-solving skills and creative thinking.

Also available as an e-book.
More Ways to Connect

Not a NAEYC Member?

Whether you’re a teacher, assistant teacher, program director, higher ed faculty, student, family member, researcher, policymaker, administrator, or somewhere in between, NAEYC is here to help YOU on the journey to improve educational opportunities for all young children.

Get access to these amazing benefits:

- High-quality Content
- Networking Opportunities
- NAEYC Affiliate Membership (where applicable)
- Members-Only Discounts

Join today!  
NAEYC.org/membership

Communities, Conversations, Connections

NAEYC’s HELLO online forum is a great place to have conversations and create connections with peers around important early learning issues. Plus, network with new and experienced professionals around the world.

Log on and join the conversation!

Hello.NAEYC.org

What unites us?

Our community encompasses people from a variety of different cultural, educational and geographic backgrounds. Yet we all share a common goal… creating, supporting, and sustaining Early Childhood Education for all!

Get involved now!

AmericaforEarlyEd.org

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