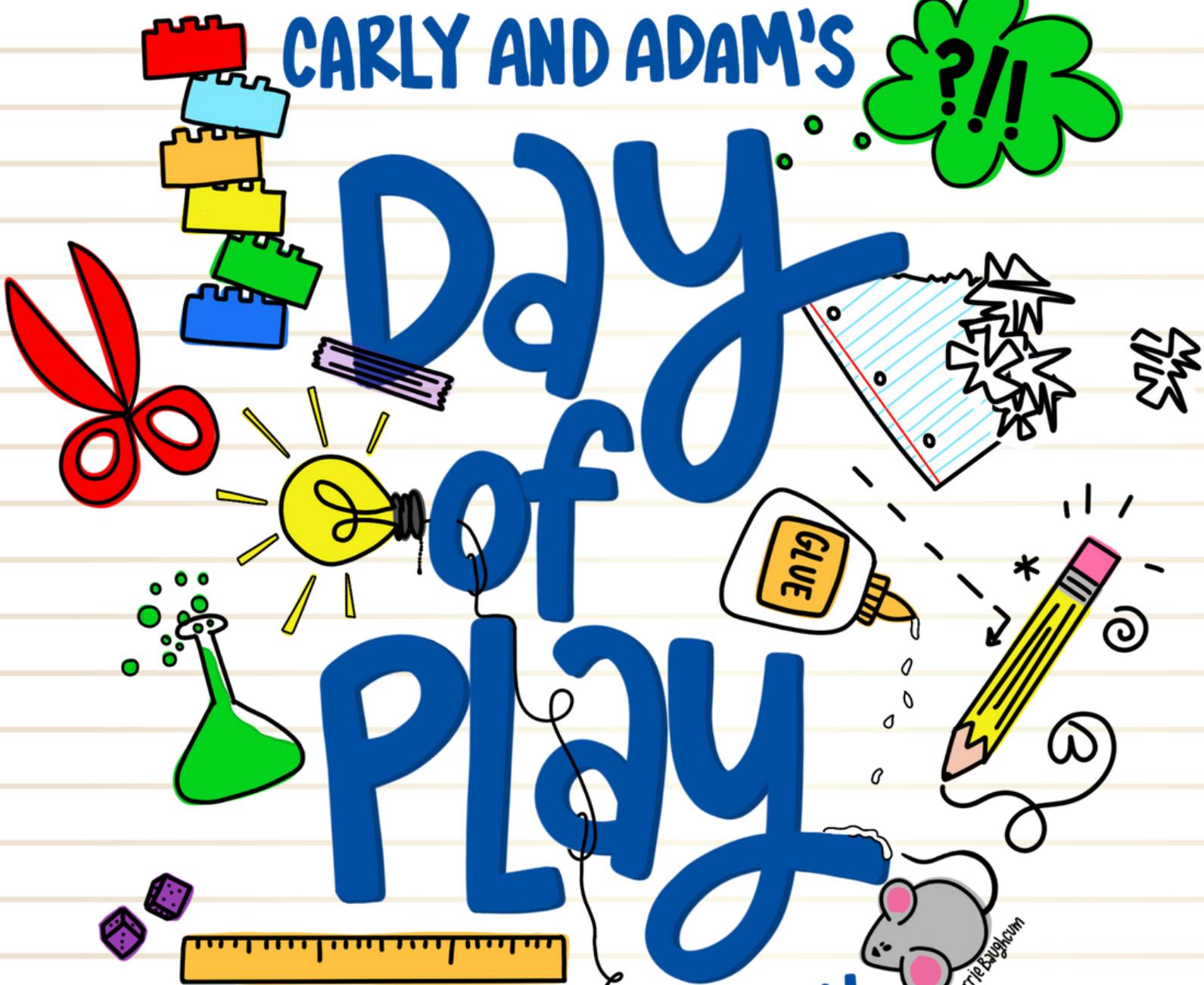


CARLY AND ADAM'S 

# Day of Play



STEM Teacher Summit

January 7, 2023

[www.stemteachersclub.com](http://www.stemteachersclub.com)

# CONTENTS

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- 3** Carly and Adam
- 4** Social Media
- 5** Summit Store
- 6** FAQ
- 7** Daily Overview
- 8** Schedule
- 9** Keynote Speakers
- 10** Session Descriptions
- 14** On Demand Sessions
- 17** Keynote Speaker Bios
- 20** Presenter Books
- 22** Giveaway Info
- 23** Sponsor Info
- 24** Notes

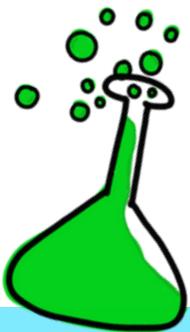
# CARLY AND ADAM



Carly and Adam are full-time STEM curriculum developers with a passion for helping teachers integrate hands-on, meaningful, maker learning with their students! Carly is a former 3rd-grade teacher and coach for grades 2-4 with experience working with students in grades K-6.

We are excited that you are joining us for the 2023 STEM Teacher Summit: Day of Play.

**If we can help you with anything,  
feel free to reach out at  
[info@carlyandadamblog.com](mailto:info@carlyandadamblog.com).**



# FOLLOW US on SOCIAL Media



[WWW.CARLYANDADAM.COM](http://WWW.CARLYANDADAM.COM)



[www.stemteachersclub.com](http://www.stemteachersclub.com)

Share what you are learning at the summit using:  
**#DayofPlay**

# VISIT THE SUMMIT STORE



\$20

**SHOP NOW!**



\$30



\$12

# FAQ

## **When are the live sessions?**

Live sessions are at 9 am ET, 12 pm ET, and 5 pm ET.

The live sessions will take place via Facebook Live inside the membership Facebook group. These sessions will be recorded and the replay videos will be added to the summit website within 24 hours.

## **How do I watch the trainings?**

All keynote and summit sessions are prerecorded and the videos can be found on the summit website ([www.stemteachersclub.com/login](http://www.stemteachersclub.com/login)).

The morning sessions will be available each day starting at 9 am ET and the afternoon sessions will be available starting at 1 pm ET. Sessions will be released each day starting January 7, 2023.

## **How long do I have access to the sessions?**

You have access to all of the session recordings throughout the life of your active membership with the exception of the lunch break drawing session, which will be available for one year. Make sure that you complete the training and download the PD certificate once you have completed the summit.

## **How do I get my PD certificate?**

The PD certificate will be available to download from the summit website ([www.stemteachersclub.com/login](http://www.stemteachersclub.com/login)) immediately following the summit.

You will be able to complete the sessions and download the certificate throughout the life of your active membership. Feel free to add your personal information.

## **How do I get my clock hours for Washington State teachers?**

The STEM Teacher Summit: Day of Play has NOT been submitted for approval for Washington State clock hours.

## **How do I reach out to Carly and Adam with additional questions?**

You can email Carly and Adam at [info@carlyandadamblog.com](mailto:info@carlyandadamblog.com).



# DAILY OVERVIEW

We are so excited for you all to be joining us for the STEM Teacher Summit: Day of Play!

MOST content and live videos will be available to you for the life of your membership. If you aren't able to get through everything on January 7, 2023, or you want to watch videos again, you will have the ability to do so. **Here is an overview of our schedule for the day:**



## Morning

The summit will begin at 9 am ET with a Facebook Live inside the Elementary STEM Teachers Club Membership Facebook Group.

Not on Facebook? No worries. We will add the live videos to the website each morning after the broadcast and add closed captions within 24 hours. At 9 am ET, we will release the morning keynote and sessions all at once. Since the sessions are prerecorded, you can actually watch them in any order, but we recommend sticking to the order we have them in.

## LIVE PLAY BREAK

At noon ET, we will do a Facebook Live drawing session. After the lunch break, we will add the video to the website, and add closed captions within 24 hours.

## Afternoon

At 1 pm ET, all afternoon sessions will be released at the same time.

## Happy Hour Facebook Live

Pour a glass of your favorite drink at 5 pm ET, and join us in the Facebook group for a wrap-up of the day. This video will be added to the website after the Facebook broadcast.

## A Note on Closed Captions

All sessions and keynotes have closed captioning. The Facebook Live videos will have them added within 24 hours of being broadcast. We use an online service to make sure closed captions are 99% accurate, and it takes 24 hours.



Saturday, January 7, 2023

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**9 am ET**      **Coffee Hour Live - Membership Facebook Group**  
Carly and Adam

**Keynote: Let Play Lead the Way: A Playdate with Melissa and Doug**

Melissa and Doug

**Session 1: Capturing Play in STEM**

Jennifer Mahin

**Session 2: Let's Build a STEM Playground!**

Christine Dixon

**Noon ET**      **LIVE PLAY BREAK DRAWING SESSION**  
with Jarrett Lerner

**Session 3: LEGO Your Curriculum and Play!**

Erik Murray

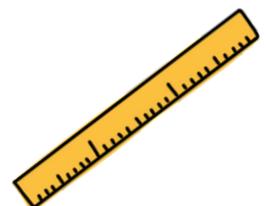
**Session 4: Dumping the Standards Out Of the Box!**

Kim Collazo

**Session 5: Serious Play with Cardboard Contraptions: Weaving Real-World Problem Solving into Playful STEM Projects**

Marci Klein, M.D. [3Dux|Design](#)

**5 pm ET**      **Happy Hour Live - Membership Facebook Group**  
Carly and Adam



# KEYNOTE SPEAKERS



## LET PLAY LEAD THE WAY: A PLAYDATE WITH MELISSA AND DOUG

In 1988, Melissa and Doug Bernstein co-founded Melissa & Doug out of their parents' garage, and in the years that followed, they built Melissa & Doug into a wildly successful company, creating more than 6,000 toys to help children discover themselves, their passions, and their purpose through open-ended play. In this conversation, Melissa and Doug will share their story and explore the power of play as a catalyst for discovery, problem-solving, innovation, and connection. You will walk away with a new perspective on play and practical tools to support your students as their most creative, thoughtful, and best selves!

# SESSION DESCRIPTIONS



**JENNIFER MAHIN**



## **SESSION 1: CAPTURING PLAY IN STEM**

This session will provide ways for educators to foster play while students capture their knowledge and creations in a STEM classroom and beyond. Participants will learn how to provide voice and choice for students to showcase their knowledge with peers.



**CHRISTINE DIXON**



## **SESSION 2: LET'S BUILD A STEM PLAYGROUND!**

Giving students a choice in STEM activities not only recognizes their unique differences in what and how they learn, but it also often leads to more creative outcomes. A STEM Playground has many different “play areas” that students can rotate to, all with written and/or digital directions easily laid out. This playground format enables STEM to be less teacher-directed or “sage on the stage,” rather, teachers can be facilitators or “guides on the sides” of students’ learning....a lot more fun for ALL!

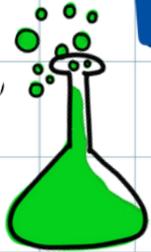
In this session, I will give ideas, resources, and lessons you can use to build your own STEM Playground during the school day, as an after school class, or even a school-wide family STEM night!

# LIVE PLAY BREAK!

with Jarrett Lerner

Join us on Facebook @ 12 PM ET

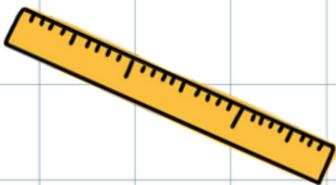
Day  
of  
Play



Live LUNCH PLAY Break

with

JARRETT LERNER



# SESSION DESCRIPTIONS



**ERIK MURRAY**



## **SESSION 3:**

### **LEGO YOUR CURRICULUM AND PLAY!**

LEGO blocks are such a powerful tool for play. With just a few modifications, they can be an amazing tool to use for learning. In this session, you will learn tips and tricks to add LEGO to any curriculum and lessons that you have.



**KIM COLLAZO**



## **SESSION 4:**

### **DUMPING THE STANDARDS OUT OF THE BOX!**

Addressing and planning lessons around our curriculum standards doesn't have to lead to another whole group lecture, worksheet, textbook assignment, or packaged online practice. In this session let's dump those standards out of the traditional box and into the STEM sandbox! Playing in the standards can actually help students master the content with less repetition than traditional methods. Kim will share ways she incorporates simple, inexpensive items as well as the occasional robot into STEM lessons that support mandated standards. Let's play!

# SPONSORED SESSION



3Dux | Design

**MARCI KLEIN, M.D.**



**SESSION 5:  
SERIOUS PLAY WITH CARDBOARD CONTRAPTIONS:  
WEAVING REAL-WORLD PROBLEM SOLVING  
INTO PLAYFUL STEM PROJECTS**

In this session, we'll explore how we can harness the power of play to create deeper, more impacting STEM learning experiences your students will never forget. Using basic craft materials, the engineering design process, and a whole lotta hands-on fun, your young engineers will be transformed into agents of change - ready to tackle real-world challenges!

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Any time you'd like!

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**Session 1: Maker Engineering**

Terry Phillips

**Session 2: Diversity in STEM through Literacy and Media**

Lisa McDowell

**Session 3: Playing Through STEM Bins and Can-Do Choice**

Kelli Snyder

**Session 4: Starting STEM with Littles**

Susan Spigelmire

**Session 5: Let's Play with Music**

Tiffany Pace

**Session 6: Using Play to Share Reading JOY**

Kevin Boozer

**Session 7: Exploring Literacy in STEM through Project Based Instruction**

Connie Ann Roussel

**Session 8: STEAM Your Social Skills and SEL Lessons**

Rebecca Barqjas

**Session 9: Engaging in Play through Breakout Challenges**

Candace Coffee

**Session 10: Fostering Creativity and Curiosity through STEM Play, K-4 STEM**

Kelly Moorman

# ON DEMAND



**TERRY PHILLIPS**

## **MAKER ENGINEERING**

This session will explore best practices for organizing the curriculum, lesson planning, materials for the STEM lab, and the integration of play within the Engineering design.



**LISA MCDOWELL**

## **DIVERSITY IN STEM THROUGH LITERACY AND MEDIA**

This session is about how I highlight Women in STEM and People of Color in STEM through the use of Literacy and Media. (From a very low-tech teacher!) Oh, and a bonus of how play has a vital role in my STEM Classroom!



**KELLI SNYDER**

## **PLAYING THROUGH STEM BINS AND CAN-DO CHOICE**

In this presentation, you will learn how to incorporate play into your general education classroom. Play can be incorporated through STEM bins and other free play options like can-do choices, creativity challenges, and robots. You will walk away from this presentation with several practical ideas that you can implement in your classroom right away.



**SUSAN SPIGELMIRE**

## **STARTING STEM WITH LITTLES**

You will learn how to incorporate STEM with young children. We will explore the challenges of working with littles and how to make it easier. You will learn how to include literature and robotics along with how to scaffold students learning as they explore STEM and Robotics.



**TIFFANY PACE**

## **LET'S PLAY WITH MUSIC**

Get ready to feel the beat as we explore four STEM lessons that will let your students play with music! Can't sing? Can't play an instrument? No problem! With these easy-to-implement lessons, your students can explore sound and music and even create their jingles with recycled instruments.

# ON DEMAND



**KEVIN BOOZER**

## **USING PLAY TO SHARE READING JOY**

In this session, we will share draw-and-tell stories and I will show you how you can design your own. We also will share the JOY of promoting literacy and reading using puppets and songs. We will share the process I use to come up with characters and voices to use in creative library lessons. We will touch a bit on copyright and fair use issues related to sharing music and media.



**CONNIE ANN ROUSSEL**

## **EXPLORING LITERACY IN STEM THROUGH PROJECT BASED INSTRUCTION**

Project Based Instruction (PBI) is an instructional strategy in which students learn knowledge and skills by identifying a real-world problem and developing a solution. In this session, we will discuss PBI and how it is the perfect companion to the Engineering Design Process. Learn about some new books and STEM lessons that are sure to be a hit in your classroom.



**REBECCA BARAJAS**

## **STEAM YOUR SOCIAL SKILLS AND SEL LESSONS**

In this session, we will take a look at how social skills connect with classroom practices connect with STEAM. We will discuss what this means when working with different populations of students and how this style of learning creates a common language that includes ideas such as expected and unexpected behavior, flexible thinking, and whole-body listening. I will share some ideas and concepts related to social skill development and social-emotional learning.



**CANDACE COFFEE**

## **ENGAGING IN PLAY THROUGH BREAKOUT CHALLENGES**

In this session, Candace will share how she uses breakout boxes and digital breakouts to create a playful environment in her classroom that also fosters creativity, critical thinking, communication, and collaboration. Participants will learn how to create their own breakouts using a variety of materials and even how to turn their students from consumers of breakouts into creators of breakouts.



**KELLY MOORMAN**

## **FOSTERING CREATIVITY AND CURIOSITY THROUGH STEM PLAY**

It's no secret that children LOVE to play! But, there are a few tricks to the trade when it comes to fostering creativity, wonder, and curiosity in our young STEMMERS! Typical STEM lessons focus on exploration, experimentation, and genuine wonder. But, when you pair those concepts with PLAY, students come alive!!! In this session, I hope to share exciting strategies to foster creativity and curiosity through STEM Play!

# MELISSA AND DOUG



## MELISSA BERNSTEIN

Melissa Bernstein is an entrepreneur, creative, and working mother of six. In 1988, Melissa and her husband co-founded Melissa & Doug out of their parents' garage. In the years that followed, they built Melissa & Doug into a wildly successful company. Melissa has spent the last 30 years helping children discover themselves, their passions, and their purpose through open-ended play. She estimates that she has built more than 6,000 toys in the last three decades.

Despite the early and sustained success Melissa experienced, she spent her life struggling with existential depression. In 2020, after her own personal journey of self-discovery and acceptance, Melissa co-founded Lifelines. Through Lifelines, she is using her unparalleled creativity and imagination to reinvent well-being products and experiences to help adults strengthen their resilience, stay grounded, and unlock their full potential.



# MELISSA AND DOUG



## DOUG BERNSTEIN

Doug Bernstein is an entrepreneur, father of six, and co-founder of the tremendously successful toy company, Melissa & Doug. In 1988, Doug and his wife started Melissa & Doug out of their parents' garage. In the years that followed, they grew the company, achieving the remarkable feat of double-digit growth every year.

After more than three decades as CEO of the company, Doug transitioned to the role of Chairman at Melissa & Doug and co-founded a new company with Melissa called Lifelines. Through Lifelines, they are redefining well-being and creating a groundbreaking, science-backed collection of tools to help individuals ground, find focus, and experience the joy of the present moment in totality.



# JARRETT LERNER

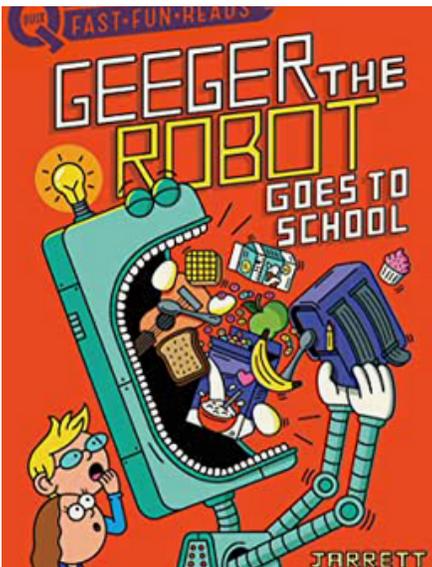
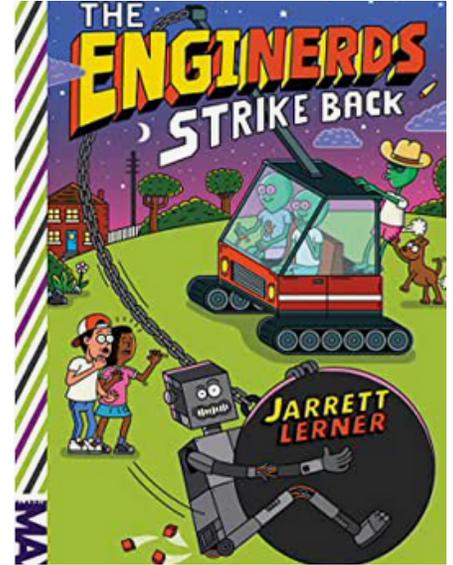
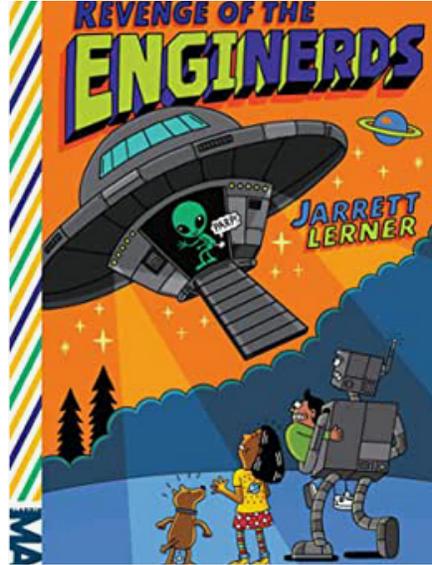
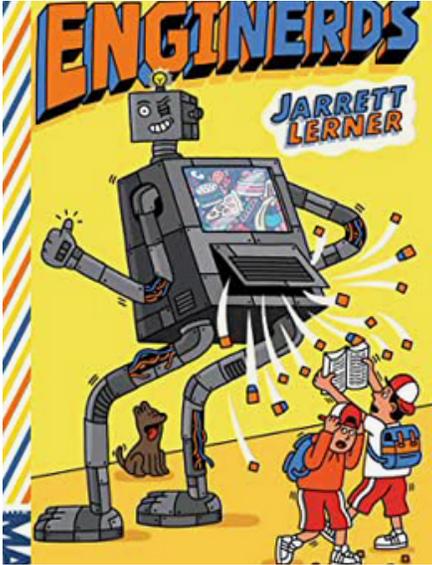


## JARRETT LERNER

Author-illustrator Jarrett Lerner is the award-winning creator of the EngiNerds series of Middle Grade novels, the Geeger the Robot series of early chapter books, the activity books Give This Book a Title and Give This Book a Cover, and The Hunger Heroes series of graphic novel chapter books. Jarrett is also the creator of the forthcoming illustrated novel in verse *A Work in Progress*, the forthcoming set of Nat the Cat early readers, and more. All of Jarrett's books are published by Simon & Schuster. In addition to writing, drawing, and visiting schools and libraries across the country, Jarrett co-founded and co-organizes the #KidsNeedBooks and #KidsNeedMentors projects. He is also the founder and operator of Jarrett Lerner's Creator Club. He can be found at [jarrettlerner.com](http://jarrettlerner.com) and on Twitter and Instagram at @jarrett\_lerner. He lives with his wife and daughters in Massachusetts.

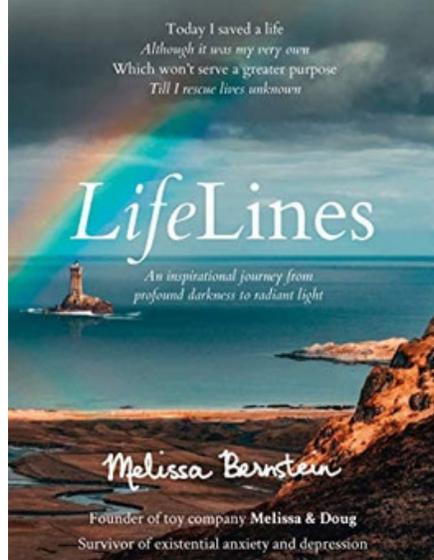
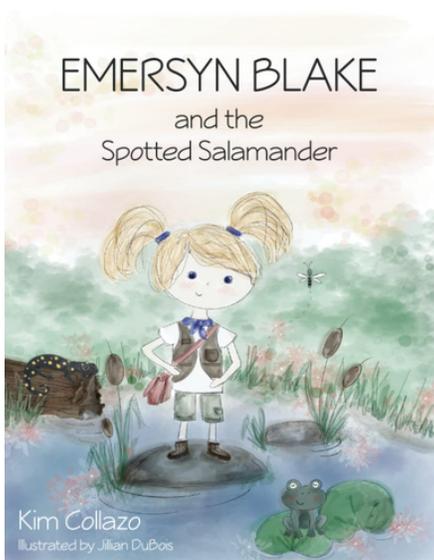
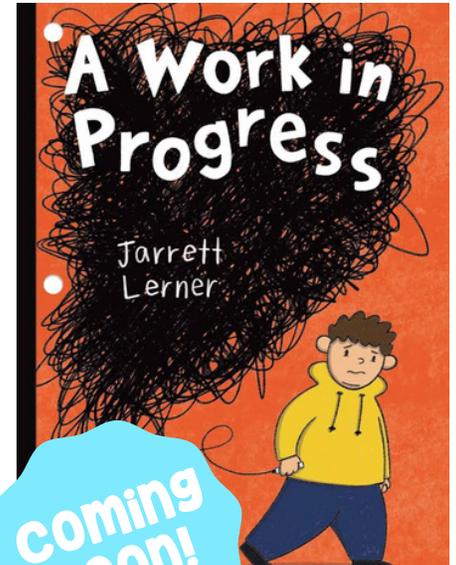
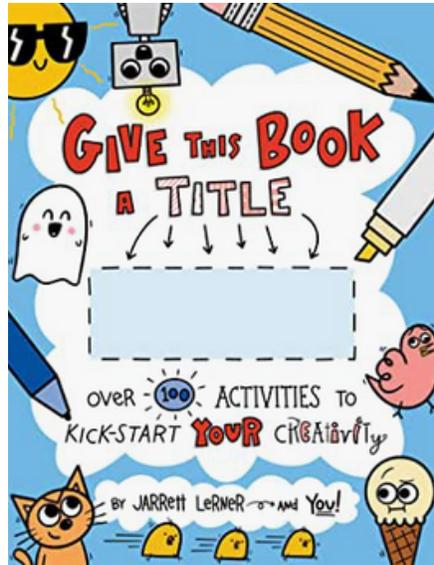


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# PRESENTER BOOKS



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# **GIVEAWAYS - ENTER TO WIN!**

**Locate each giveaway in the Facebook group  
for your chance to win these amazing prizes!**

\*US Residents only

- **Marty the Robot - Robotical**
- **Snap Circuits Kit - Snap Circuits by Elenco \***
- **Squishy Circuits Group Kit + 2 Dough Kits \***
- **GOBOX Mega Set - 3Dux Design \***
- **Day of Play Sweatshirt - Carly & Adam STEM (3 winners!) \***

**Giveaways will open on January 1, 2023  
and will close on January 15, 2023.**

**Winners will be announced Monday, January 16, 2023.**

**#giveaway**

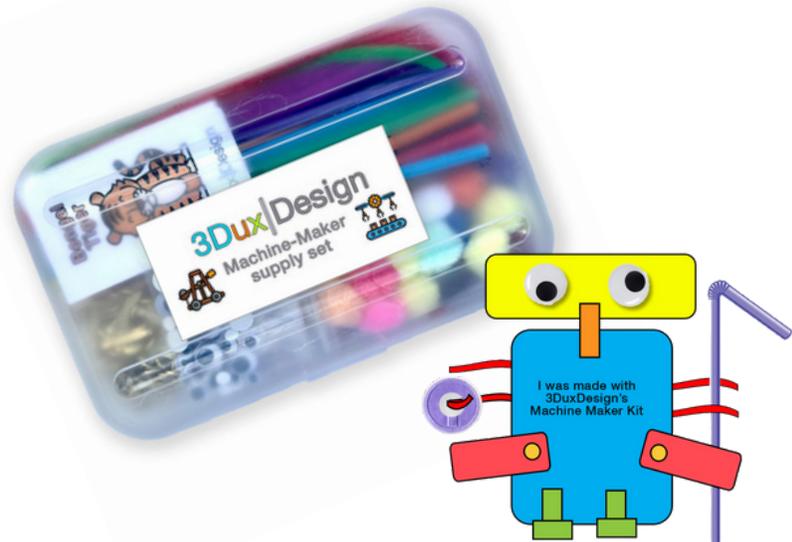
# 3Dux | Design

**Classroom • Centers • Library • Maker Space • After School Enrichment**

3DuxDesign classroom sets are perfect for schools, after-school STEM/STEAM programs, inventor clubs and more. Build architectural models, create an entire community, or prototype inventions. Students use the design thinking process to imagine, design, build and present their solutions to real world challenges. Choose from a variety of bulk or individualized sets and lesson options for your program needs.



**GOBOX - Classroom Set**  
for up to 25 students



**Machine-Maker Add-On Set**  
for up to 25 students

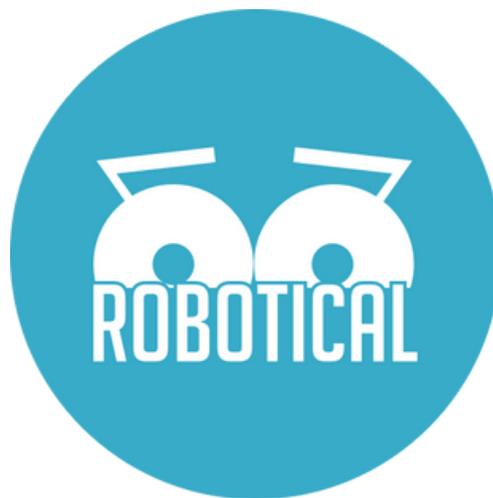
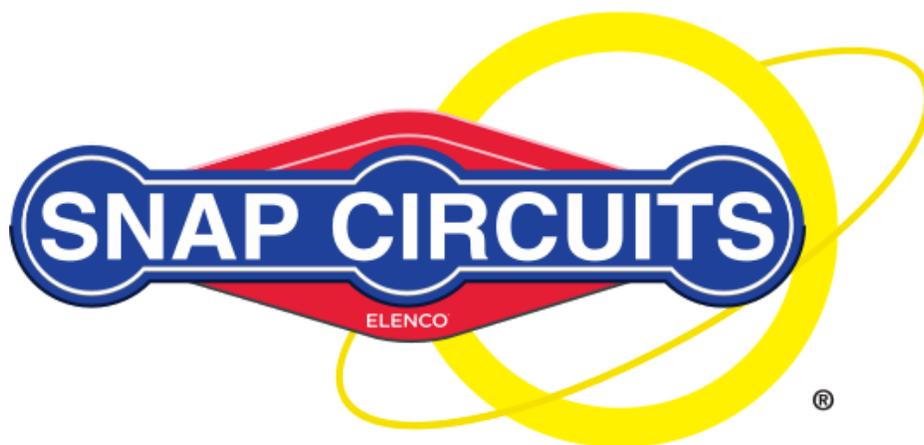
These sets include a 1-year free access pass to all 3duxdesign STEM project resources!

**\*Special discount for next order using code: carlyandadam**

**THANK YOU TO OUR SPONSORS**

**squishycircuits.**

3Dux | Design



# NOTES



# NOTES



# NOTES

