

# Workshops!

INVENTIONLAND<sup>®</sup>  
EDUCATION

## STEAM Innovation Workshops

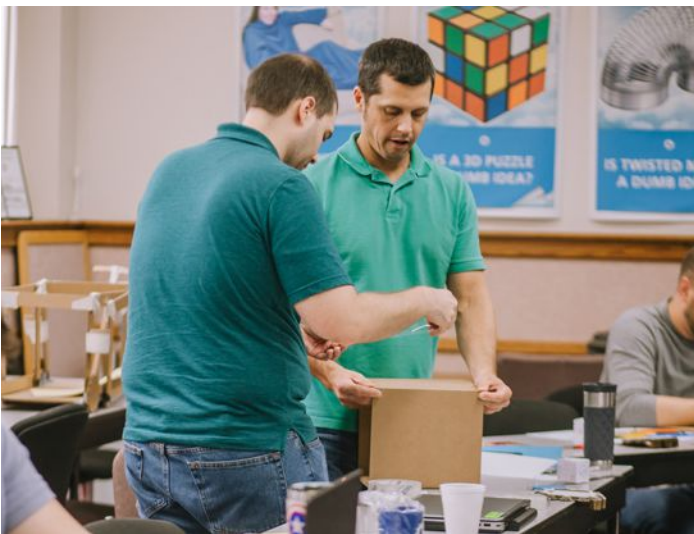
With our STEAM innovation sessions, teachers participate in a variety of activities that they can use with their students to reinforce key STEAM concepts. These hands-on projects ensure a fun learning experience, making sure teachers are comfortable with materials and delivery methods.

- Professional learning can be delivered in-person or remotely.
- Choose from two-hour, half-day or full day sessions.
- Teachers work in teams to simulate actual classroom settings.
- Examples include:
  - Pipe Cleaner Challenge
  - Hot Lava Challenge
  - Penny Boat Challenge
- We provide the materials list (readily available).



**Up to 20 Teachers Per Event**

## Machine/Maker Technology Workshop



**Designed for your  
Maker Space**

Our Machine/Maker Technology workshop provides teachers with the knowledge and confidence to use the various machines and software to use in a maker lab environment. This workshop provides the key insights on how to use the machinery in a safe, collaborative environment.

- This is best delivered in person, but can also be done remotely.
- Two-hour, half-day, or full day sessions are available.
- Teachers work in teams to simulate actual classroom settings.
- We can show your team how to use:
  - 3D Printers
  - Laser and Cutters Vinyl Cutters
  - CNC Milling Machines
  - Many Other Options
- Make sure your staff is up-to-date.



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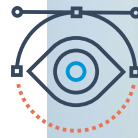
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## Logo and Package Design Workshop

Logos and packaging design are critical components in bringing new ideas and products to market. This workshop provides the key concepts of logo development and packaging design. Learn and apply how Inventionland has brought hundreds of consumer products to stores across America.

- Concepts of colors and fonts in logo design.
- Programs to use to visually create graphics.
- Explore packaging techniques that are structurally sound.
- See the impact and various techniques to use for:
  - Boxes and other containers
  - Standing out in a crowded marketplace
  - Marketing techniques for the web
  - Positioning products for success
- This workshop strongly reinforces STEAM concepts.



**This workshop can be delivered  
in-person or virtually**

## Video Production Workshop



**Tips and tools to  
make better videos**

Video production is going mainstream, with the ability to deliver persuasive and compelling content that can be shared in a variety of settings. And, with today's technology, it's easier than ever to produce videos in a very short period of time. We'll show you how to do it effectively.

- How to ideate, script and storyboard ideas for best results.
- See how green screen technology makes videos come to life.
- Develop key competencies with video editing tools.
- How to make your videos come to life with:
  - Voiceovers
  - On-screen text (supers)
  - Music, intros and animation
- You'll leave the workshop with the key skills you need to create stunning videos.



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## Prototyping with Cardboard

Inventionland Education will provide an entry-level introduction to cardboard and a discussion of how most projects start. Cardboard is the ideal starting point for a project because it is easy to find, affordable, strong, easy-to-use and can be found almost everywhere.

- History of cardboard (Invented in China in the 15th century)
- Folding and shaping cardboard
- Techniques using cardboard
- Types of things that can be created with cardboard
- Advantages of using cardboard
- How to re-purpose cardboard for future inventing
- Tips and tricks using cardboard



**In-person or Virtual Workshops**

## Stop Motion Workshop



**Easy How-to Workshop**

Inventionland Education will provide entry-level skills and techniques for stop-motion animated film making in which objects are physically manipulated in small increments to exhibit motion or change. The 90-minute workshop will include the following topics:

- What exactly is stop motion
- Elements of stop motion including objects, clay, puppets, cut-outs & silhouette animation
- How to use stop motion apps and with devices
- Shooting stop motion
- Tips and tricks using stop motion
- How to edit stop motion
- How to assemble and produce an actual stop motion movie



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