2026

Summer Catalog

presented by **Make With SAM**
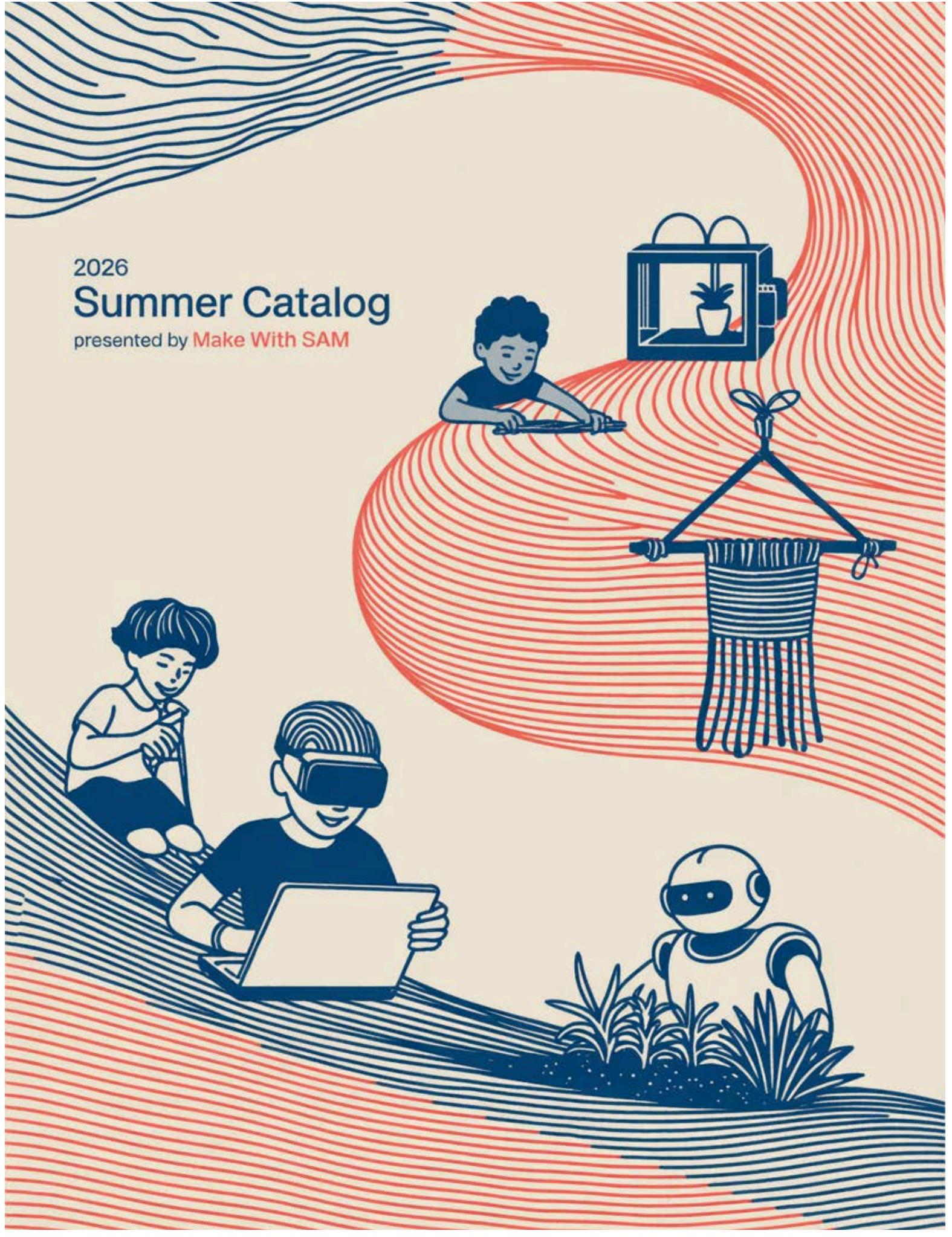
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New Feature: The 'Maker Tracks' To help you find the perfect class, look for these icons next to my descriptions:

🌱 **The Chill Maker:** Low stress, high creativity. Focus on mental health and walking away with a finished object.

🚀 **The Pro Maker**: Skill-building, business concepts, and prototyping.

♻️ **The Eco-Innovator:** Focus on sustainability, repair, and upcycling.

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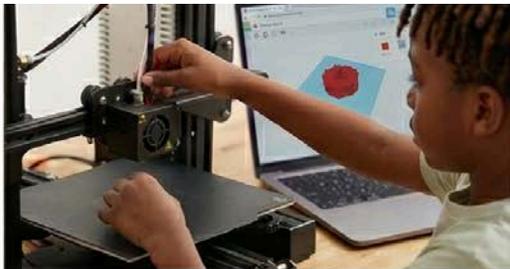
Get Creative with TinkerCAD: 3D Modeling for Beginners 🚀

Spark your imagination and step into the future of design! In this hands-on workshop, students unlock the power of TinkerCAD to turn their wildest ideas into digital reality. We will master the intuitive interface to stack, reshape, and group simple blocks into complex, unique 3D models—ready for sharing online or sending to a 3D printer.

Key Details:

- **Age Range:** Youth 10+ / Adults
- **Duration:** 1.5 hrs
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 students
- **Equipment:** Computers or Chromebooks with internet access. **Note:** A 3D printer is optional but highly recommended to add a "WOW factor" to the demonstration .
- **Materials:** Free TinkerCAD accounts.

Learning Objectives:

- **Master the Mechanics:** Navigate the workspace confidently and manipulate shapes (move, scale, rotate) to build a foundation for 3D design.
- **Digital Construction:** Learn the core concepts of transformations and grouping to combine simple shapes into complex objects.
- **Design Thinking:** Foster critical thinking by solving spatial challenges to create a personalized model.
- **From Bit to Atom:** Understand the workflow of converting a digital design into a printable file.

### Digital Zen Gardens: Low-Poly Landscapes 🌱

Use TinkerCAD not for engineering, but for art. Students will create a "digital zen garden" or a "low-poly" landscape scene. It's about arranging shapes, playing with colors, and creating a peaceful 3D digital environment without the pressure of printing a physical object. **The Vibe:** Relaxing tech.

Key Details:

- Age Range: Youth 12+ / Adults
- Duration: 1.5 hrs
- Prep Time: 30 minutes
- Class Size: Up to 15 students
- Equipment: Computers or Chromebooks with internet access, 3D printer (optional)
- Materials: Free TinkerCAD accounts, 3D printing filament in winter-themed colors

Learning Objectives:

- **Artistic Modeling:** Master the manipulation of basic geometric shapes in TinkerCAD to create a "low-poly" aesthetic.
- **Composition & Color:** Apply principles of balance, scale, and color theory to design a harmonious digital environment.
- **Mindful Design:** Experience 3D modeling as a meditative, artistic practice focused on aesthetics rather than engineering function.
- **Spatial Awareness:** Develop skills in arranging 3D objects within a digital space to create depth and perspective.
- **Digital Rendering:** Create a cohesive 3D scene that stands alone as a piece of digital art.
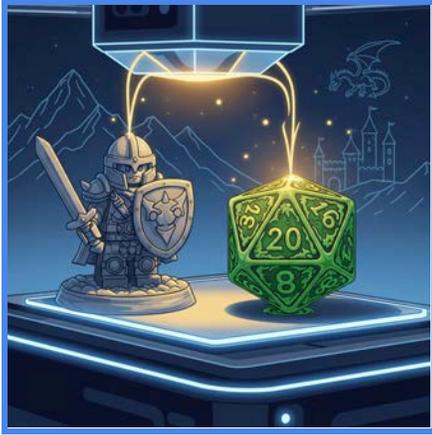
Dungeon Master's Workshop 🚀🌱

Calling all tabletop gamers! Learn to 3D print your own custom mini-figure or design a unique dice set. This class is about bringing your fantasy world to life through technology.

Key Details:

- Age Range: 13+ (Teens & Adults)
- Duration: 1.5 hours
- Prep Time: 30 minutes
- Class Size: Up to 15 students
- Equipment: Computers or Chromebooks with internet access
- Materials: Free TinkerCAD accounts

Learning Objectives:

- **Additive Manufacturing:** Master the 3D printing workflow for high-detail miniatures.
- **Digital Customization:** Source, modify, and pose digital characters or terrain.
- **Slicing Strategy:** Learn specific slicing settings to preserve delicate details.
- **Post-Processing:** Practice safe techniques for removing supports and cleaning prints.
- **Immersion:** Enhance storytelling and world-building through custom fabrication.

Fix It Lab: Intro to Repair & Design 🚀♻️

Don't toss it—fix it! Bring a broken household item (or use our examples) and learn to design and 3D print a replacement part. We will focus on measuring, prototyping in TinkerCAD, and the principles of the circular economy.

Vibe: Practical and empowering.

Key Details:

- Age Range: 13+ (Teens & Adults)
- Duration: 1.5 hours
- Prep Time: 30 minutes
- Class Size: Up to 15 students
- Equipment: Computers or Chromebooks with internet access
- Materials: Free TinkerCAD accounts

Learning Objectives:

- **Reverse Engineering:** Master precision measuring tools to analyze broken parts.
- **Functional Modeling:** Use TinkerCAD to model accurate replacement components.
- **The Repair Mindset:** Explore the circular economy and the value of repair.
- **Prototyping:** Apply the 3D printing workflow to create functional prototypes.
- **Problem Solving:** Develop critical thinking to diagnose failures and design solutions.

Knot IT: Macramé for Beginners (Part 1) – Keychains & Bag Charms 🧶🌱

Discover the relaxing art of macramé with projects you can take with you everywhere! In this introductory workshop, we will scale down the size but amp up the style. You will learn the essential knots needed to craft trendy keychains or boho-chic bag charms. Best of all, you won't just make one—you'll create multiple accessories during class and receive a curated "Maker Kit" with enough supplies to continue knotting at home!

Key Details:

- **Age Range:** 12+ (Adaptable for younger audiences with additional support)
- **Duration:** 1.5 hours
- **Prep Time:** 45 minutes
- **Class Size:** Up to 15 students
- **Equipment:** None required
- **Materials: $50 Fee.** Includes premium macramé cord (various colors), multiple keychain clasps/lobster claws, and a take-home supply kit to keep the creativity flowing.

Learning Objectives:

- **Tool Talk:** Understand the best cord types (cotton vs. poly) and hardware needed for durable accessories.
- **The "Big Three" Knots:** Master the essential knots: Lark's Head (for mounting), Square Knot (for structure), and Spiral/Half Hitch (for texture).
- **Repetition & Mastery:** Build muscle memory and confidence by creating multiple unique pieces during the session.
- **Finishing Touches:** Learn professional finishing techniques, such as the wrapping knot and creating perfect fringe.

Macramé Rays & Waves: Summer Wall Hangings (Part 2) 🌱

Capture the warmth of the season with a summer-inspired macramé wall hanging. We will swap climbing vines for patterns that evoke ocean waves, radiant sunbursts, and breezy coastal textures. This class is perfect for adding a relaxed, boho-chic vibe to your home during the sunny season.

Key Details:

- **Age Range:** 12+ (recommended for those with prior macramé experience or completion of Part 1)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 students (to ensure individualized attention and support)
- **Equipment:** None required (students can bring their own scissors if preferred)
- **Materials: $70 Fee**. Macramé cord or rope (various colors & textures), project-specific materials (wooden rings, beads, etc. depending on the chosen project)

Learning Objectives:

- **Master Intermediate Techniques:** Apply foundational knots to create complex, summer-themed textures like waves and sunbursts.
- **Pattern Adaptability:** Learn to follow and modify intermediate patterns to construct a balanced, visually appealing wall hanging.
- **Creative Customization:** Foster confidence in problem-solving and design adaptation to create a unique piece of home decor.

Sew Fun: Scrunchies, Pouches & Patches 🌱

Never touched a sewing machine? No problem! This class is all about the instant gratification of making something you can use immediately. We'll skip the intimidating patterns and focus on three fun, beginner-friendly projects: colorful hair scrunchies, a simple drawstring pouch, and attaching stylish patches to denim. Bring your creativity and leave with a handful of custom accessories!

Key Details:

- **Age Range:** 12+ (Adaptable for mature younger learners with additional support)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes (machine setup and thread preparation)
- **Class Size:** Up to 10 students (to ensure ample machine access and individual attention)
- **Equipment:** Sewing machines (provided or students can bring their own), fabric scissors, pins, measuring tape, seam ripper.
- **Materials:** $120 Fee. Pre-cut fabric (various colors & textures), thread, bobbins, elastic, and zippers.

Learning Objectives:

- **Machine Mastery:** Identify basic machine parts, master threading, and learn to wind a bobbin with confidence.
- **Essential Stitches:** Learn the "Big Three" stitches: straight stitch for seams, zigzag for stretch/finishing, and backstitch for securing.
- **Functional Construction:** Apply these stitches to insert elastic for scrunchies and install a simple zipper for a pouch.
- **Personalization:** Develop spatial awareness and design skills by arranging and sewing patches to customize existing gear.
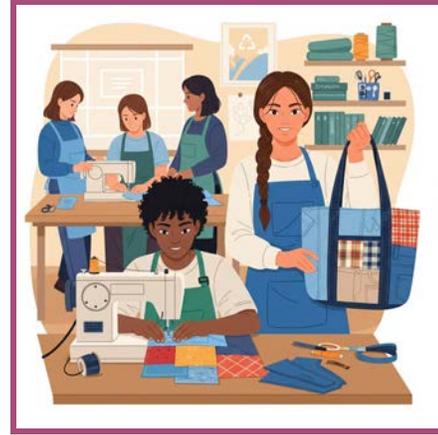
The Upcycle Lab: Design Reusable Gear 🚀 ♻️

Turn 'trash' into treasure! In this eco-focused workshop, students learn how to combat fast fashion by turning old textiles into durable, reusable goods. We will learn heavy-duty sewing techniques to construct a professional-grade market tote or messenger bag from upcycled materials. Plus, we'll discuss how to source materials for free to keep your project costs low and your profit margin high.

Key Details:

- **Age Range:** 12+ (Recommended for those with basic sewing machine experience)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 10 students (to ensure ample machine access and individual attention)
- **Equipment:** Sewing machines (equipped with heavy-duty needles), fabric shears, rotary cutters, cutting mats, clips/pins, iron.
- **Materials:** $100 Fee. Curated upcycled textiles (denim, canvas, upholstery samples), heavy-duty thread, webbing for straps, and hardware (buckles or D-rings).

Learning Objectives:

- **Heavy-Duty Techniques:** Master sewing through thick layers and durable fabrics like denim or canvas without breaking needles.
- **Professional Construction:** Learn to box corners for volume and securely attach webbing/straps for load-bearing capacity.
- **Sustainable Sourcing:** Identify sources for free or low-cost upcyclable materials to maximize sustainability and potential profit.
- **Eco-Design Principles:** Transform a 2D piece of discarded textile into a functional 3D accessory.

Desert Dreamscapes: Build a Succulent Sanctuary 🌱

Bring the beauty of the desert indoors without the heat! In this hands-on workshop, students will design and build their own low-maintenance miniature ecosystem. We will explore the fascinating world of succulents and cacti, learning how to layer soil, sand, and stones to create a healthy environment for these resilient plants. Using colorful sands, pebbles, and unique greenery, you'll craft a stunning, living landscape to brighten up any room.

Key Details:

- **Age Range:** 10+ (Adaptable for younger learners with adult assistance)
- **Duration:** 1 hour ($340 Program Fee)
- **Prep Time:** 30 minutes
- **Class Size:** Up to 12 students
- **Equipment:** None required
- **Materials: $225 Fee.** Includes glass terrarium containers, a variety of small cacti/succulents, specialized potting mix, decorative sand/pebbles, activated charcoal, and planting tools.

Learning Objectives:

- **Desert Botany 101:** Identify different succulent and cactus varieties and understand their unique water and light requirements .
- **The Science of Layers:** Master the functional art of layering activated charcoal, soil, and drainage stones to keep roots healthy in a glass environment.
- **Creative Landscaping:** Apply design principles to arrange plants and decorative elements (sand art, stones) for maximum visual impact.
- **Ecosystem Management:** Learn the long-term care techniques needed to keep a terrarium thriving indoors.

**Air Plant Magic: Floating Gardens & Whimsical Worlds** 🌱

Suspend reality and build a garden that defies gravity! In this whimsical workshop, we explore the enchanting world of *Tillandsias* (air plants)—amazing botanicals that don't need soil to survive. Students will design a captivating miniature landscape using glass vessels, natural driftwood, sea shells, and lush moss. It's the perfect blend of biology and creativity, resulting in a low-maintenance living sculpture.

Key Details:

- **Age Range:** 8+ (Adaptable for younger learners with adult assistance)
- **Duration:** 1 hour ($340 Program Fee)
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 students
- **Equipment:** None required
- **Materials: $225 Fee.** Includes glass terrarium containers, a variety of healthy air plants, decorative moss, river stones, driftwood, shells, and other natural accents.

Learning Objectives:

- **Life Without Soil:** Understand the biology of epiphytes and how they adapt to absorb water and nutrients through their leaves rather than roots.
- **Design Composition:** Learn to balance textures and colors using natural elements to create a visually pleasing mini-landscape.
- **Structural Engineering:** Explore creative ways to mount or position plants on driftwood and stones within a confined glass space.
- **Care & Keeping:** Master the specific misting and light requirements needed to keep air plants thriving indoors.
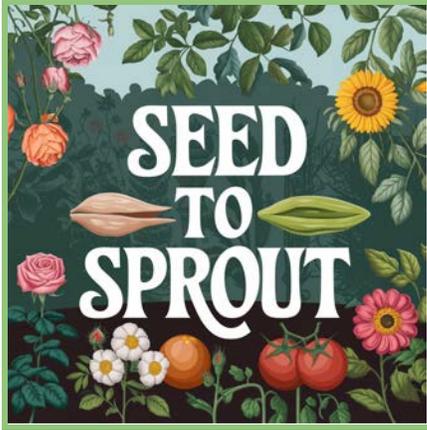
**Green Thumb Growers: Seed to Sprout
(Part 1) 🌱**

Kickstart your garden from scratch! This beginner-friendly workshop demystifies the magic of growing from seed. Instead of buying expensive starts, you will learn how to select the right seeds for your space and coax them into life. We cover the essential science of soil preparation, germination triggers, and the delicate care required to nurture a tiny sprout into a healthy seedling.

Key Details:

- **Age Range:** Adults (Adaptable for teens with parent/guardian participation)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 participants
- **Equipment:** None required
- **Materials: $75 Fee.** Includes a variety of seeds, premium seed-starting mix, germination trays/containers, and humidity domes .

Learning Objectives:

- **Seed Science:** Understand the germination process and the environmental factors (heat, light, moisture) that trigger growth.
- **Selection Strategy:** Learn how to read seed packets and select varieties that match your local climate and personal taste.
- **Sowing Skills:** Practice different sowing methods, from broadcasting to precision placement, for both indoor and outdoor starting.
- **Nursery Care:** Master the "Goldilocks" conditions for seedlings: regulating water, light, and temperature to prevent "legginess" or dampening off.
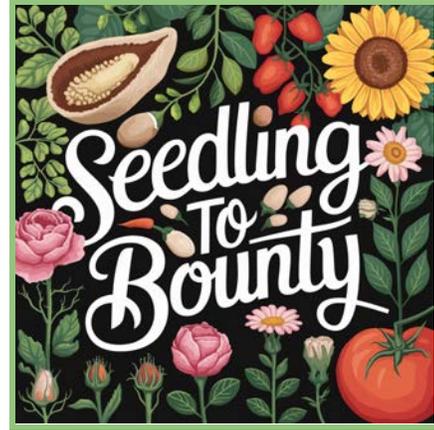
**Green Thumb Growers: Seedling to Bounty
(Part 2) 🌻🌱**

Keep your garden thriving! Part 2 builds on your seed-starting skills, focusing on the crucial transition from pot to plot. You will learn how to safely transplant your "plant babies" without shock, identify common pests before they become a problem, and maintain your plants for a maximum yield. We will also cover the rewarding art of knowing exactly when to harvest for peak flavor.

Key Details:

- **Age Range:** Adults (Adaptable for teens with parent/guardian participation)
- **Duration:** 1.5 hours
- **Prep Time:** 45 minutes
- **Class Size:** Up to 15 participants
- **Equipment:** Gardening tools (trowels, hand tools), gloves, watering cans.
- **Materials: $75 Fee.** Includes seedlings (from Part 1 or provided), potting soil/amendments, larger containers, and organic fertilizer .

Learning Objectives:

- **Transplant Technique:** Learn the gentle art of moving seedlings into larger pots or garden beds to ensure root health.
- **Growth Management:** Understand support techniques like staking and pruning to improve air circulation and fruit production.
- **Pest Patrol:** Identify common garden pests and diseases, exploring organic and safe methods for control.
- **Harvest Hygiene:** Determine the optimal time to pick produce and practice techniques that encourage the plant to keep producing.

Garden to Table: Cooking Your Harvest

(Part 3) 🥗🌱

Taste the fruits of your labor! In this delicious conclusion to the Green Thumb series, we move from the garden to the kitchen. You will learn how to transform your fresh harvest into simple, vibrant dishes that let the ingredients shine. We cover the entire journey: from proper washing and storage techniques to chopping, roasting, and sautéing. Plus, we'll explore preservation secrets so you can enjoy your summer bounty well into the fall.

Key Details:

- **Age Range:** Adults (Adaptable for teens with parent/guardian participation)
- **Duration:** 1.5 hours
- **Prep Time:** 60 minutes
- **Class Size:** Up to 12 participants (depending on kitchen facilities)
- **Equipment:** Basic kitchen equipment (knives, cutting boards, bowls, pans), portable cooking stove or hot plate.
- **Materials: $125 Fee.** Includes recipes and a bounty of fresh ingredients (harvested from the "Make with Sam" garden or locally sourced).

Learning Objectives:

- **Harvest Hygiene:** Master the best practices for cleaning, prepping, and storing different types of produce to maximize shelf life.
- **Flavor First:** Explore simple recipes designed to highlight—not hide—the complex flavors of freshly picked vegetables and herbs.
- **Technique Toolkit:** Practice essential kitchen skills like precise chopping, quick sautéing, and roasting to perfect texture and taste.
- **Preservation Power:** Learn introductory methods for extending your harvest, such as quick-pickling, freezing, or drying herbs.
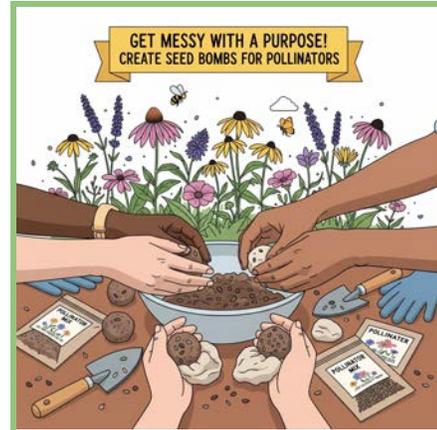
Seed Bomb Factory ♻️

Get messy with a purpose! We will mix clay, soil, and wildflower seeds to create "Seed Bombs" that can be tossed into bare patches of soil to grow pollinator-friendly flowers. We will also supply 3D-printed molds to shape the bombs into fun forms (hearts, stars, etc.).

Key Details:

- **Age Range:** 8+ (Adaptable for younger learners with adult assistance)
- **Duration:** 1 hour
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 students
- **Equipment:** Mixing bowls, spoons/spatulas, 3D printed molds (various shapes provided), trays for drying.
- **Materials:** $75 Fee. Air-dry clay or potter's clay powder, potting soil/compost, native wildflower seed mix, water. (Fee based on similar "Seed to Sprout" pricing).

Learning Objectives:

- **Ecological Impact:** Understand the importance of pollinators and how "guerrilla gardening" can restore local ecosystems.
- **Soil Science:** Learn the correct ratio of clay, compost, and seeds to protect the seeds from birds while ensuring germination.
- **Tech Integration:** Utilize 3D-printed molds to create uniform, aesthetically pleasing shapes, demonstrating a practical application of 3D printing tools.
- **Sensory Exploration:** Engage in tactile, hands-on play while mixing natural materials.

AI Artistry: Next-Gen Digital Design 🤖🚀

Step into the future of digital art! In this cutting-edge workshop, we move beyond basic filters and templates to explore the raw power of Generative AI. Students will master **Ideogram** to weave complex imagery and coherent text from simple words—perfect for logos and posters. Then, we'll dive into **Google's Gemini** to transform ordinary photos into stylized 3D characters and scenes, exploring the tech behind viral trends like the "Nano Banana."

Key Details:

- **Age Range:** 13+ (Adaptable for younger audiences with parental guidance)
- **Duration:** 1 hour ($340 Program Fee)
- **Prep Time:** 20 minutes
- **Class Size:** Up to 15 participants (for interactive discussions)
- **Equipment:** Computers or tablets with internet access (optional, can be provided by venue if available)
- **Materials: None required**.

Learning Objectives:

- **Prompt Engineering:** Master the art of "speaking AI" by formulating precise text prompts to control style, lighting, and composition .
- **Typography & Design:** Utilize Ideogram to generate high-quality visuals that integrate legible, coherent text—a skill crucial for modern graphic design .
- **Style Transfer:** Experiment with Google's Gemini to remix personal photos into 3D avatars or stylized art pieces.
- **Iterative Workflow:** Learn how to refine and evolve a concept through multiple generations to achieve a polished artistic result.
- **Model Literacy:** Compare different AI models to understand which tool is best suited for specific creative tasks, from typography to photo manipulation.
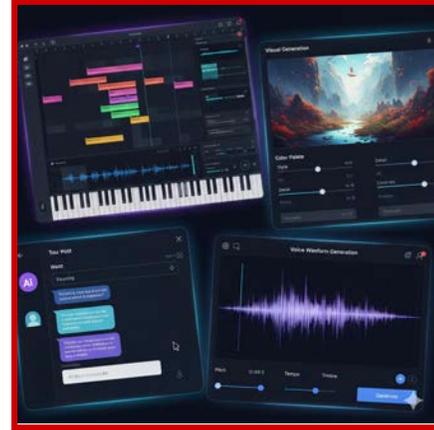
Future Beats: The AI Music Studio 🎧🚀

Step into the role of a music producer without needing to learn a single chord! In this workshop, you will become an AI maestro, using cutting-edge tools like **Suno AI** and **ElevenLabs** to generate original melodies, harmonies, and lyrics. Whether you want to create lo-fi study beats, cinematic scores, or a pop hit, you will learn how to guide the AI to compose the perfect track. No musical experience is needed—just bring your curiosity and a passion for sound.

Key Details:

- **Age Range:** 13+ (Teens & Adults)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 participants
- **Equipment:** Computers or tablets with internet access. **Note:** Headphones are highly recommended for this class to allow for individual listening during creation .
- **Materials: None required.** (Access to online AI music platforms will be provided).

Learning Objectives:

- **Generative Audio Basics:** Understand the fundamentals of how AI analyzes sound data to generate new musical compositions .
- **Platform Proficiency:** Navigate interfaces like Suno AI and Co-Producer to control genre, tempo, and instrumentation.
- **Composition & Structure:** Experiment with prompting to build specific song structures (verse, chorus, bridge) and generate complex harmonies.
- ** collaborative Creativity:** Explore the intersection of technology and art, learning how to use AI as a collaborative partner rather than just a tool.
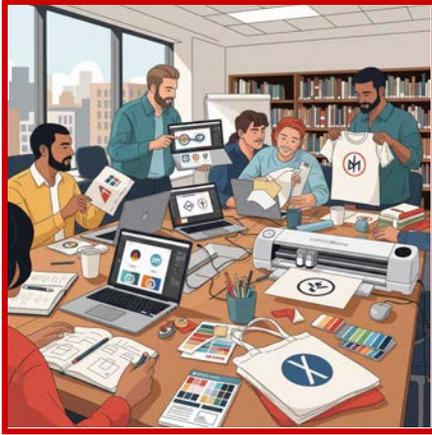
Brand Boss: Launch Your Label with AI 🚀

Have a business idea? Let's make it real. In this workshop, you act as the creative director of your own startup. Instead of just making a pretty picture, you will use AI tools like Ideogram to design a professional logo and visual brand identity. Then, take your brand from screen to street by using the Cameo Silhouette to manufacture your first piece of official "company swag"—a custom-branded t-shirt or tote bag.

Key Details:

- **Age Range:** 13+ (Teens & Adults)
- **Duration:** 1.5 hours
- **Prep Time:** 45 minutes
- **Class Size:** Up to 15 students
- **Equipment:** Computers with internet access, Cameo Silhouette cutting machine, heat press.
- **Materials: $70 Fee.** Includes heat transfer vinyl, a blank t-shirt or tote bag for branding, and design worksheets.

Learning Objectives:

- **Brand Identity:** Understand the core elements of a strong brand (color, typography, logo) and how to communicate a business "vibe."
- **AI Logo Design:** Master specific prompting techniques to generate clean, scalable logos and vector-style graphics using Ideogram.
- **Rapid Prototyping:** Experience the workflow of a modern entrepreneur—moving quickly from a digital concept to a physical product.
- **Manufacturing:** Learn the technical skills to cut, weed, and heat-press vinyl to create professional-quality merchandise.

The Sticker & Decal Factory (Hybrid Class) 🌱 🚀

Design and cut custom vinyl stickers for water bottles or laptops. We start by drawing and digitizing your art. Then, we crunch the numbers: learn how much your sticker costs to make vs. what it sells for, introducing basic entrepreneurship concepts without the pressure of a full business plan.

 Vibe: Start with self-expression, end with a business spark.

Key Details:

- **Age Range:** 13+ (Teens & Adults)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 students
- **Equipment:** Computers with internet access, Cameo Silhouette cutting machine, Inkjet Printer
- **Materials: $50 fee** (permanent vinyl, printable sticker paper and other necessary materials)

Learning Objectives:

- **Digital Transformation:** Learn the process of digitizing hand-drawn art into vector-ready files suitable for production.
- **Fabrication:** Master the operation of a vinyl cutter to precisely cut and weed custom sticker designs.
- **Business Basics:** Calculate the "Cost of Goods Sold" (COGS) to understand the relationship between material costs, labor, and pricing.
- **Entrepreneurial Thinking:** Explore fundamental business concepts through the creation of a marketable product.
- **Creative Branding:** Express personal style and identity through custom merchandise design.

Drop-In Classes 🌱

Summer Splash: Paint Pour Coasters

Time to Shine: Design Your Own Clock

Make time uniquely yours! In this fan-favorite drop-in activity, participants transform a plain, laser-cut wooden clock face into a functional masterpiece. Using vibrant paints, markers, and colored pencils, creators of all ages can add their own patterns, quotes, or color schemes. We provide the mechanism and the canvas; you provide the imagination. It's the perfect way to leave with a practical keepsake that reflects your personal style.

Key Details:

- **Age Range:** All Ages (Children under 10 may require adult assistance)
- **Duration:** 3 hours (Drop-in format)
- **Class Size:** Up to 100 participants
- **Equipment:** Tables, chairs, assorted paints/markers.
- **Materials:** All materials provided (Laser-cut wood clock panels, clock mechanisms, batteries).

Learning Objectives:

- **Functional Art:** Learn to translate abstract creative ideas into a working object.
- **Design Composition:** Explore color theory and pattern layout on a circular canvas.
- **Mechanical Assembly:** Practice fine motor skills by assembling the clock movement and hands.

Capture the colors of summer in a swirl of liquid art! In this mesmerizing drop-in activity, participants will create a set of professional-looking ceramic coasters using the acrylic paint pouring method. We will trade the soft pastels of spring for a bold summer palette—think ocean blues, sunset oranges, and sandy golds. Learn the "dirty pour" or "flip cup" technique to create organic, marble-like designs that look like crashing waves or vibrant nebulas.

Key Details:

- **Age Range:** All Ages (Children under 10 may require adult assistance)
- **Duration:** 3 hours (Drop-in format, come and go as you please)
- **Class Size:** Open to all (Up to 100 participants usually supported)
- **Equipment:** Tables, chairs, protective coverings, drying trays.
- **Materials:** All materials provided (Blank ceramic coasters, acrylic paints in summer colors, pouring medium, cups, stir sticks, gloves) .

Learning Objectives:

- **Fluid Dynamics:** Master the specific paint-to-medium ratio required for the perfect pour consistency.
- **Technique Exploration:** Experiment with "flip cup" and "dirty pour" methods to achieve distinct visual effects.
- **Color Theory:** Learn how to layer bold, contrasting summer colors without creating "mud."
- **Functional Art:** Create a durable, usable set of coasters that serve as a lasting memory of the season.

Pattern Play: Abstract Art Remix

Find your rhythm with paper and pattern! This drop-in station invites creators to explore the hypnotic world of repetition and design. Using an array of stencils, textured rubbing plates, and vibrant markers, participants will layer shapes and colors to build complex, abstract compositions. Whether you want to create a geometric masterpiece or a free-flowing doodle, this is a low-stress, high-creativity zone perfect for unwinding.

Key Details:

- **Age Range:** All Ages (Children under 10 may require adult assistance)
- **Duration:** 3 hours (Drop-in format, come and go as you please)
- **Class Size:** Up to 100 participants
- **Equipment:** Tables, chairs.
- **Materials:** All materials provided (Variety of cardstock/patterned papers, markers, colored pencils, pastels, extensive stencil library) .

Learning Objectives:

- **Design Principles:** Understand how repetition and variation create visual interest and rhythm in art.
- **Mixed Media:** Experiment with combining different drawing tools and paper textures.
- **Abstract Expression:** Gain confidence in creating art that focuses on shape and color rather than realistic representation.
- **Composition:** Learn to layer foreground and background elements to create depth.

Zine Scene: Make Your Own Mini Magazine

Tell your story, one fold at a time! Join our Zine Scene drop-in and learn how to create your own 8 or 16-page mini-magazine (a "zine") from a single sheet of paper. Whether you want to write a comic, share a story, design an affirmation book, or just get creative with collage, zines are a fun, accessible way for anyone to become a publisher.

Key Details:

- **Age Range:** All Ages (children under 10 may require adult assistance)
- **Duration:** 3 hours (drop-in format, come and go as you please)
- **Class Size:** 100 participants
- **Equipment:** Tables, chairs
- **Materials:**
  - All materials provided (paper, markers, color pencils, pens, scissors, glue sticks)

Learning Objectives:

- Master the simple folding and cutting techniques to transform a single sheet of paper into an 8-page or 16-page booklet.
- Explore various methods for storytelling and self-expression, including comics, poetry, illustration, and collage.
- Develop basic layout and design skills to effectively arrange content within the zine's pages.
- Gain confidence in creative expression by completing a unique, personal publishing project from start to finish.
- Understand the role of zines as an accessible medium for sharing ideas and creating community.

Rock Your Vibe: Kindness Stones & Affirmations

Paint some positivity! This relaxing station invites participants to slow down and practice mindfulness through art. Using smooth river rocks as a canvas, we will paint uplifting quotes, peaceful imagery, or colorful mandalas. These "kindness stones" can be kept as personal talismans or hidden around the community to brighten a stranger's day.

Key Details:

- **Age Range:** All Ages (Children under 10 may require adult assistance)
- **Duration:** 3 hours (Drop-in format)
- **Class Size:** Up to 100 participants
- **Equipment:** Tables, chairs.
- **Materials:** All materials provided (Smooth river rocks, acrylic paints, brushes, sealant, permanent markers) .

Learning Objectives:

- **Mindful Creation:** Experience the therapeutic benefits of painting and focusing on positive affirmations.
- **Surface Design:** Experiment with painting techniques on natural, irregular 3D surfaces.
- **Community Connection:** Foster a sense of connection by creating art intended to inspire others.

Impressions: 3D Printed Rollers & Clay Tiles

Where high-tech meets high-touch! In this sensory-rich activity, participants get their hands messy with air-dry clay. The twist? We use custom **3D-printed rollers** to stamp intricate textures and patterns into the clay instantly. It's a fantastic way to demonstrate 3D printing utility while allowing participants to create unique textured tiles, coasters, or ornaments.

Key Details:

- **Age Range:** All Ages (Children under 10 may require adult assistance)
- **Duration:** 3 hours (Drop-in format)
- **Class Size:** Up to 100 participants
- **Equipment:** Tables, chairs.
- **Materials:** All materials provided (Air-dry clay, 3D printed texture rollers, sculpting tools) .

Learning Objectives:

- **Tactile Exploration:** Engage in sensory play and develop fine motor skills through rolling and shaping clay.
- **Pattern Recognition:** Explore how 3D-printed tools can create consistent, repeatable patterns on soft surfaces.
- **Tech Application:** See a practical, artistic application of 3D printing technology in action.

Note to Librarians: *Drop-in classes are ideal for community events, library open houses, or any occasion where you want to offer a creative and engaging activity for a large and diverse audience. It's a fantastic way to promote self-expression, artistic exploration, and hands-on fun for all ages!*

Cooking Classes

Waffle-ize It! Summer Brunch Edition 🧇🌱

Unlock the waffle iron's versatility beyond breakfast! In this hands-on workshop, we'll whip up savory potato waffles and crispy hash browns perfect for any meal. To finish, we'll celebrate the season with dessert waffles topped with fresh summer berries and cream. Join us for a culinary adventure that proves you don't need an oven to cook a great meal!

Key Details:

- **Age Range:** 10-18 years (Adaptable for adults)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 12 students (depending on available waffle irons)
- **Equipment:** Waffle irons, mixing bowls, measuring tools, spatulas, whisks .
- **Materials: $100 Fee.** Includes waffle batter ingredients, fresh seasonal fruit, chocolate chips, savory toppings (cheese, precut veggies), and cooking spray .

Learning Objectives:

- **Batter Basics:** Learn to mix a versatile batter from scratch that can be adapted for sweet or savory profiles.
- **Iron Mastery:** Understand temperature control and timing to achieve the perfect crispy-on-the-outside, fluffy-on-the-inside texture.
- **Flavor Innovation:** Experiment with "mix-ins" and toppings to create a personalized dish that celebrates summer flavors .
- **Kitchen Skills:** Practice essential measuring, mixing, and safety techniques around hot appliances.

Beyond the Sandwich: Picnic-Perfect Deli Salads 🥗🌱

Step up your picnic game! In this hands-on class, we ditch the sad soggy sandwiches and dive into the fresh, crunchy world of deli salads. We will explore how to make delicious, vibrantly colored salads using seasonal vegetables like cucumbers, tomatoes, and peppers. Learn the secrets to creamy dressings without the heavy mayo, and discover how to serve your creations in lettuce cups or wraps for the ultimate cool-down meal.

Key Details:

- **Age Range:** 12-18 years (Adaptable for adults)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 students
- **Equipment:** Cutting boards, knives (safety guards for younger students), mixing bowls, measuring tools .
- **Materials: $100 Fee.** Includes fresh seasonal vegetables, cooked proteins (chicken/chickpeas), oils, vinegars, herbs, and spices .

Learning Objectives:

- **Salad Science:** Identify the four components of a balanced salad: base, protein, crunch/mix-ins, and dressing .
- **Knife Skills:** Practice safe chopping, dicing, and mincing techniques to prepare fresh summer produce .
- **Flavor Balancing:** Learn how to balance acidity (vinegar/citrus) with fat (oil/yogurt) to create dressings that pop .
- **Creative Plating:** Explore fun, bread-free ways to serve salads, such as using lettuce cups or stuffed veggies.

Summer Mocktail Mixology: Sip the Sunshine 🍹🌱

Beat the heat with a glass of something spectacular! In this refreshing hands-on workshop, you'll learn the art of crafting sophisticated, non-alcoholic beverages that capture the essence of summer. We will trade heavy winter spices for bright citrus, fresh berries, and cooling herbs like mint and basil. Learn professional techniques for muddling, shaking, and garnishing to create drinks that look as amazing as they taste—perfect for your next BBQ or poolside hang.

Key Details:

- **Age Range:** 13+ (Teens & Adults)
- **Duration:** 1.5 hours
- **Prep Time:** 40 minutes
- **Class Size:** Up to 12 participants
- **Equipment:** Basic kitchen equipment (knives, cutting boards, bowls, blenders, shaker cups).
- **Materials: $100 Fee.** Includes a variety of summer bases (lemonade, coconut water, watermelon juice), sparkling mixers, fresh seasonal fruits and herbs, simple syrups, and festive glassware .

Learning Objectives:

- **Flavor Chemistry:** Understand how to balance sweet, tart, and herbal notes using fresh summer produce.
- **Technique Training:** Master the art of "muddling" to release essential oils from herbs and fruit without making the drink bitter.
- **Garnish Game:** Learn to create Instagram-worthy presentations using sugar rims, fruit skewers, and herb bouquets.
- **Recipe Development:** Gain the confidence to improvise and create your own signature "house mocktail" for summer entertaining.

Smoothie Bar: The Ultimate Summer Cool-Down 🍹🌱

Beat the heat with a blend of flavor! Step up to our Smoothie Bar to master the art of the icy, refreshing drink. We will explore the spectrum of smoothies, from tropical fruity favorites to nutrient-packed green machines. Learn the "blending equation" to get that perfect smooth texture without watering it down, and experiment with super-fresh ingredients to fuel your summer adventures.

Key Details:

- **Age Range:** 10-18 years (Adaptable for adults and families)
- **Duration:** 1.5 hours
- **Prep Time:** 30 minutes
- **Class Size:** Up to 15 students (depending on blender availability).
- **Equipment:** Blenders, cutting boards, knives (safety guards included), cups.
- **Materials: $100 Fee.** Includes frozen/fresh fruits (berries, mango, banana), leafy greens, yogurt/dairy-free bases, liquids (coconut water, juice), and fun add-ins (chia, ginger) .

Learning Objectives:

- **Texture Control:** Learn the ratio of frozen to fresh ingredients needed to achieve a thick, icy consistency versus a thin, drinkable one.
- **Nutritional Know-How:** Understand how to hide healthy veggies like spinach or kale inside sweet, tasty drinks.
- **Flavor Profiling:** Experiment with bold summer combos (like pineapple-ginger or strawberry-basil) to create a signature drink.
- **Kitchen Confidence:** Practice safe food handling and knife skills while prepping fruit.

Entrepreneurship and Business
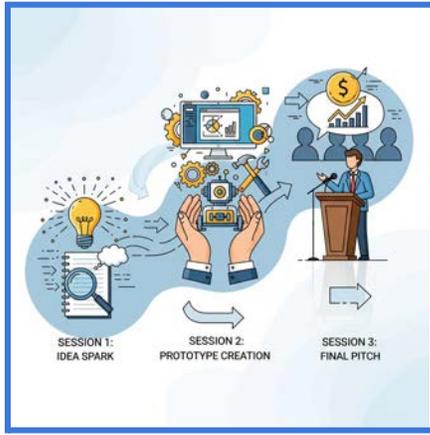
Launch IT: The 3-Day Startup 🚀

Turn a wild idea into a real business in just three sessions! This fast-paced "mini-maker" series guides students through the entire entrepreneurial journey—from the first spark of an idea to a physical prototype and a final pitch. Designed as a 3-part cohort, this program combines the creative skills from *Make with Sam* (3D printing, design, crafting) with real-world business strategy. It's a hackathon, art class, and business school all rolled into one.

Session Breakdown:

- **Day 1: The Spark (Idea & Identity):** Students identify a problem, brainstorm a unique solution, and create a brand name and logo.
- **Day 2: The Lab (Prototype Day):** A hands-on "sprint" where students build a physical version of their idea using maker tools.
- **Day 3: The Launch (Price & Pitch):** Students calculate costs, set a price, and present their "Maker Pitch" to the group.

Key Details:

- **Age Range:** 13+ (Middle/High School)
- **Duration:** 3 Sessions (1.5 Hours each)
- **Prep Time:** 30-45 minutes per session
- **Class Size:** Up to 15 students
- **Equipment:** Computers or Chromebooks with internet access. *Optional but recommended:* 3D Printer, Vinyl Cutter, or Sewing Machines (depending on available facility tools).
- **Materials:** $75 (Fee covers prototyping supplies such as filament, cardstock, vinyl, fabric, and adhesives).

Learning Objectives:

- **Creative Problem Solving:** Shift from a passive consumer to an active problem-solver by identifying real-world needs.
- **Rapid Prototyping:** Gain confidence in "making" by using digital and physical tools to build a Minimum Viable Product (MVP).
- **Brand Literacy:** Understand the basics of visual identity, target audiences, and effective communication.
- **Financial Basics:** Apply simple math to understand Cost of Goods Sold (COGS), pricing strategy, and value.
- **Public Speaking:** Develop confidence in storytelling and presentation through the final "Maker Pitch."

Note to Librarians: This series is an excellent way to engage teens in a longer-format program without the commitment of a full semester. It works perfectly as a dedicated Summer Camp track, Spring Break camp, or a weekly after-school series. It encourages peer collaboration and utilizes your library's makerspace resources to their fullest potential.

Pricing & Booking Information

- **1.5 Hour Programs: $395**
- **1 Hour Demos: $340**
- **3 Hour Drop-In Events: $650 (includes supplies)** *2 Hour Drop-In $550*

Price includes equipment usage and setup. Material fees for programs are separate. Additional event time can be added at a rate of $100/hr. To book a program, please email sam@makewithsam.art.