

Enrichment Programming Solutions for Grades TK-12



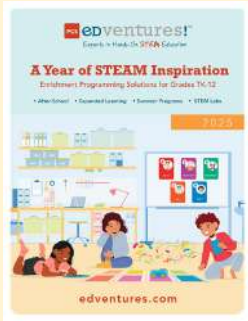
AFTERSCHOOL • EXPANDED LEARNING (ELO-P) • SUMMER PROGRAMS • CLASSROOMS





Hands-on STEAM Enrichment Programs for Grades TK-12

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A Year of STEAM Inspiration

Let us build you a custom STEAM program based on your needs

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100% Reusable Building Bricks & STEAM Curriculum for Grades K-8

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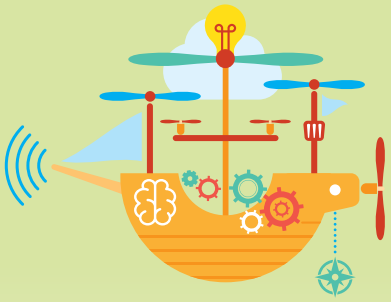
Buildable Drones, Mini Drones, Career Exploration & Coding for Grades 4-12

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Student-driven Learning for Grades 3-12

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STEAM ENRICHMENT

What's in a STEAM Enrichment Program?

- Curriculum + Materials for up to 30 Learners
- 12 Engaging Hours of Hands-on Lessons
Plus lesson extensions
- Turn-Key Implementation
- Aligned to National Education Standards
Habits of Mind, 21st Century Skills, Common Core*, NGSS* and ISTE*
(*see website for additional details)

Storage tubs

All materials needed
for up to 30 learners



Curriculum with
Step-by-Step
Lesson Plans



Low prep



For instructors of
any experience level

Contact us at edventures.com/consult
to get your custom STEAM solution.





Choose Your Own **STEAMventures** for Grades TK-K!



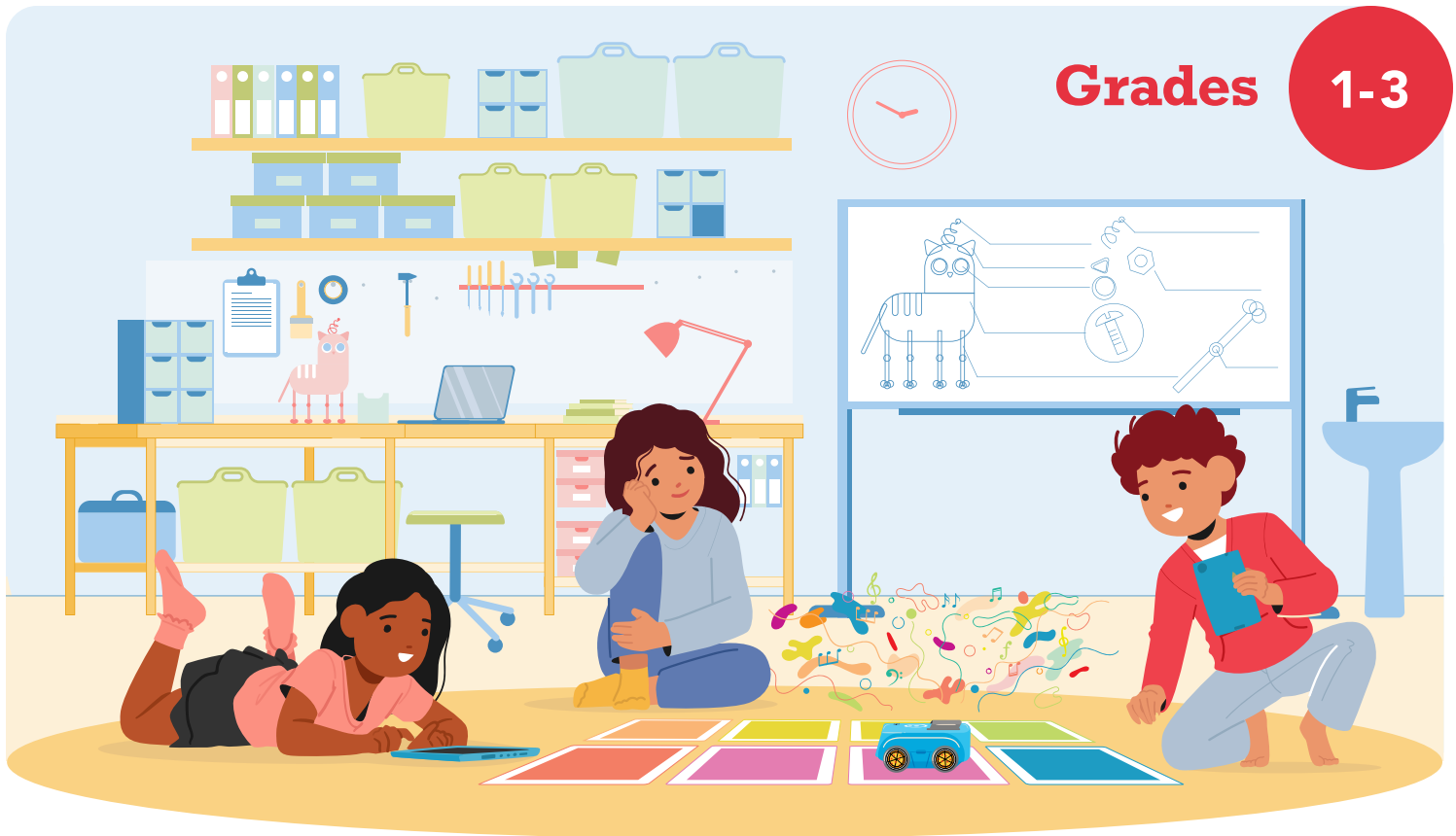
Develop **math, reading and writing** skills for your littlest learners

Flight / Food / Transportation STEAMventures

STEAMventures offers immersive **hands-on** activities that ignite young minds. Through **play-based** adventures exploring flight, transportation and food, learners build essential skills like counting, coloring, recognizing letters and working as part of a team. Brimming with **multi-subject integration**, this program fosters curiosity and **creativity** while introducing the core principles of science, technology, engineering, art and mathematics. STEAMventures inspires young learners on their educational journey with engaging and **collaborative STEAM** experiences. 🔄 refill kit available

Create **play-based** learning experiences

- Flight Complete Program (Materials + Curriculum) \$1,125⁰⁰
- Food Complete Program (Materials + Curriculum) \$1,175⁰⁰
- Transportation Complete Program (Materials + Curriculum) \$1,095⁰⁰



Music and coding and robots, oh my!

Rockin' Robots

Calling all programmers and musicians! *Rockin' Robots* is your chance to use **Sphero indi robots** on a guided tour through the **STEAM**tastic fusion of **music** and **robotics**. If exploring songs, crafting instruments, investigating sound effects and designing a melodic **coding** challenge sounds fun, then this is the camp for you! 🔄 refill kit available

Subjects: *Technology, Robotics, Coding, Art/STEAM, English Language Arts*
 Complete Program (Materials + Curriculum) **\$2,495⁰⁰**
 Refill Kit **\$215⁰⁰**

Design melodic coding challenges



Craft instruments

NEW 2025



World of Wonders

At *World of Wonders* Camp, engage in hands-on **STEAM** activities that foster **collaboration, creativity** and **cultural awareness**. Through **project-based** learning and **iterative** thinking, campers tackle **problem-solving** challenges that promote **critical thinking**. Explore ancient wonders through art projects and interactive experiences that spark **positivity** and happiness in a fun, educational setting. 🔄 very few consumables

Subjects: *Technology, Engineering Design, Art/STEAM, Math Connections, English Language Arts Connections, Social Studies/History Connections*
 Complete Program (Materials + Curriculum) \$975⁰⁰

CUSTOMER FAVORITE

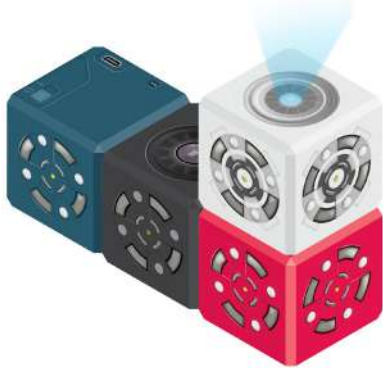


Cubelets® BOT Builder

In *Cubelets® BOT Builder*, students build fully functional robots using Cubelets, the modular building blocks. Expand each activity with **scaffolded** lessons and robots that move, sense and adapt. With activities centered around **social-emotional learning, collaboration**, the **engineering design** process and a **growth mindset**, introduce your youngest roboticists to a lifelong love of **STEM!** 🔄 very few consumables

Subjects: *Technology, Engineering Design, Robotics, Coding, English Language Arts*
 Complete Program (Materials + Curriculum) \$5,995⁰⁰

Hands-on **engineering** challenges with **robotic building blocks**



Scratch Camp

Explore the magic of computer programming through cutting-edge curriculum and *Scratch*, a free-to-use software that combines **creative thinking** and **intrinsic motivation!** Utilizing **application-based learning** and 12 **scaffolded**, one-hour projects, learners expand their skills through **iterative thinking** and **problem-solving** challenges as they build their very own interactive storyboards and games with audio, video, animated characters and more. 🔄 100% reusable

Subjects: *Technology, Robotics, Coding, Math*
 Complete Program \$415⁰⁰



Pirate Camp

Cast off onto the seven seas with **STEM** experiments, **hands-on** design trials, **social-emotional learning** and positive group discussions. Engage student senses, curiosity and **creative thinking** skills, then challenge them to **collaborate** by forging catapults, fashioning maps to hidden treasure and **reflecting** on their adventures! In *Pirate Camp*, action, intrigue and discovery await you at every turn! 🔄 refill kit available

Subjects: *Physical Science, Engineering Design, English Language Arts*

- Complete Program (Materials + Curriculum) \$895⁰⁰
- Refill Kit \$95⁰⁰

STEM on the high seas, matey!



Sports Science

Designed to excite students by integrating STEM into their favorite activities, this enrichment program thrives on **collaborative** learning experiences. Each day, learners investigate the mechanics of a different movement, connecting STEM concepts like the **forces of motion** and the influence of gravity through **exercise and movement** in this action-packed, **reusable** STEM program. 🔄 very few consumables

Subjects: *Physical Science, Math*

- Complete Program (Materials + Curriculum) \$1,050⁰⁰



The Science of Superpowers

Dissect superhero skill sets in *The Science of Superpowers*. With 12, one-hour **STEM** lessons in biology, **engineering design** and technology, each unit is primed to invigorate any learning environment through **hands-on, social-emotional learning** activities. Dive headfirst into the comic universe where student **character development, multi-subject integration, creative thinking** and community awareness reign supreme. 🔄 refill kit available

Subjects: *Physical Science, Life Science, Engineering Design, Math*

- Complete Program (Materials + Curriculum) \$795⁰⁰
- Refill Kit \$95⁰⁰



Hands-on investigation of superheroes' special powers



Unleash Your Wild Side

Revel in the complexities of our world through creative, learn-by-doing **STEAM** projects. Leave no rock unturned as students **reflect** on the unique places and creatures they encounter over 12, one-hour, **hands-on** lessons. They'll cultivate art and language skills, promote global awareness and engage in **exercise and movement** as they investigate the incredible habitats of the Earth!

🔗 refill kit available

Subjects: Life Science, Art, English Language Arts

Complete Program (Materials + Curriculum) \$925⁰⁰

Refill Kit \$580⁰⁰



Plants and Seeds: Exploring Life Cycles through Art

Learners use tunnel books to channel their inner **storytellers** and create a free-standing, sculptural artwork to visually explain the **life cycle of a plant**. Referencing the five kinds of seed dispersal: gravity, water, wind, animal and attachment, each lesson builds **problem-solving** skills, **confidence** and **creativity** as students construct a one-of-a-kind work of art. 🔗 refill kit available

Subjects: Life Science, Art/STEAM, English Language Arts

Complete Program (Materials + Curriculum) \$875⁰⁰

Refill Kit \$550⁰⁰



Dirt Camp Second Edition

Dig into the world beneath your feet! Unearth dirt's origins, and differentiate it from soil. Become a **soil engineer** by digging like a mole and building like a beaver. Explore global uses of dirt for dyeing clothes and building homes. Plant cat grass, revealing tree interconnectedness. **Collaborate**, engineer and reflect on the **importance of soil**. 🔗 refill kit available

Subjects: Physical Science, Life Science, Earth Science, Engineering Design, Math, English Language Arts

Complete Program (Materials + Curriculum) \$895⁰⁰

Refill Kit \$495⁰⁰

Dig like a mole and
build like a beaver with
DIRT CAMP

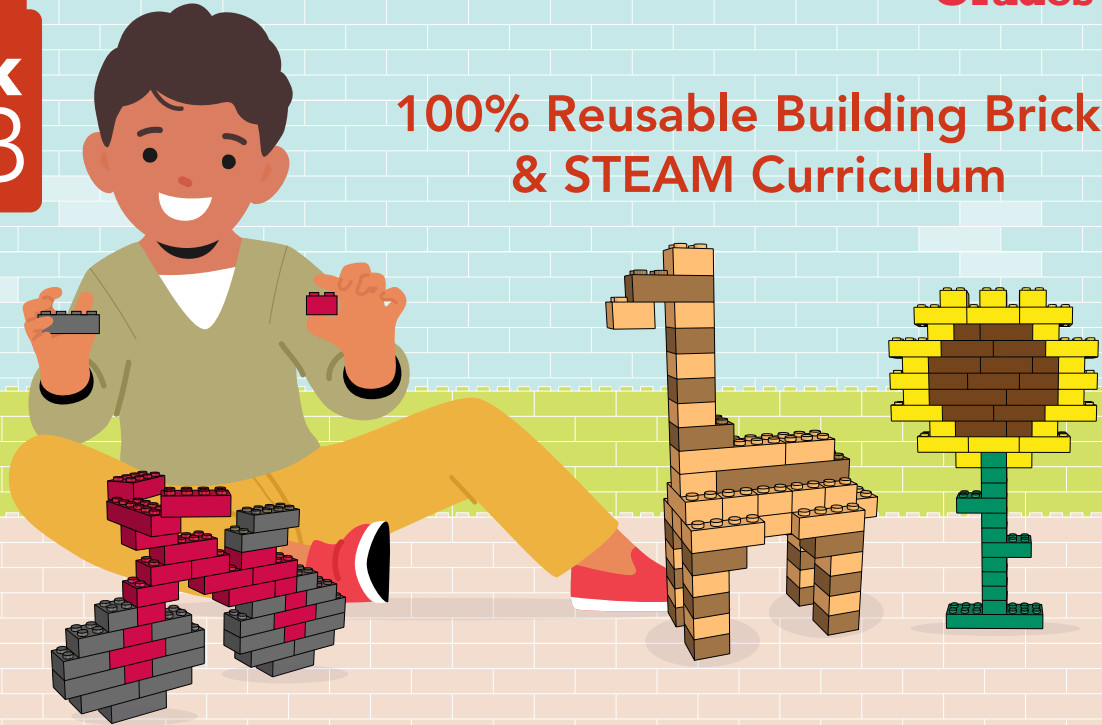


Mud art from Mali!



Brick LAB

100% Reusable Building Bricks & STEAM Curriculum

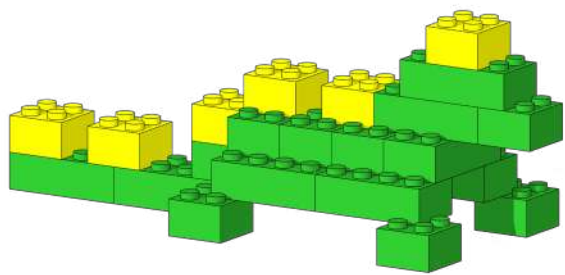


BrickLAB Zoo

Explore the diversity of **animal adaptations**, the differences in habitats and **biological diversity** through this **hands-on, life science** program. With hands-on **creative thinking**, collaboration and multi-subject integration, *BrickLAB Zoo* fosters a unique bond to the Earth's biospheres and the vital roles animals play in them. ♻️ 100% reusable

Subjects: *Life Science, Engineering Design, Math, English Language Arts*
 Complete Program (Materials + Curriculum) \$925⁰⁰

Discover **animal adaptations** in different habitats





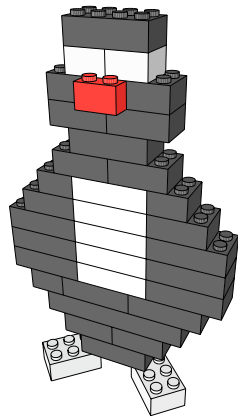
BrickLAB Brain Builders

BrickLAB Brain Builders engages students through **hands-on** science and engineering challenges. Whether they're using **logic, problem-solving** or translating **abstract ideas** into concrete models, this **collaborative, social-emotional learning** program is a sure-fire way to introduce interactive **STEM** learning into any environment. 🔄 very few consumables

Subjects: Life Science, Engineering Design, Math, English Language Arts, Social Studies/History

Complete Program (Materials + Curriculum) \$1,075⁰⁰

Logic and problem-solving to build a better brain!



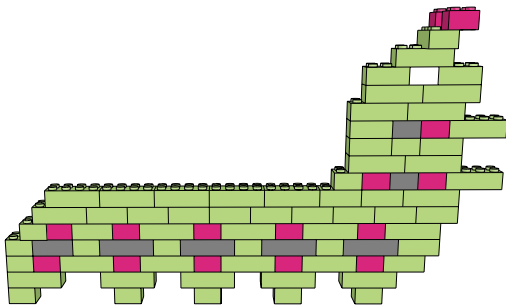
BrickLAB Magic Beans

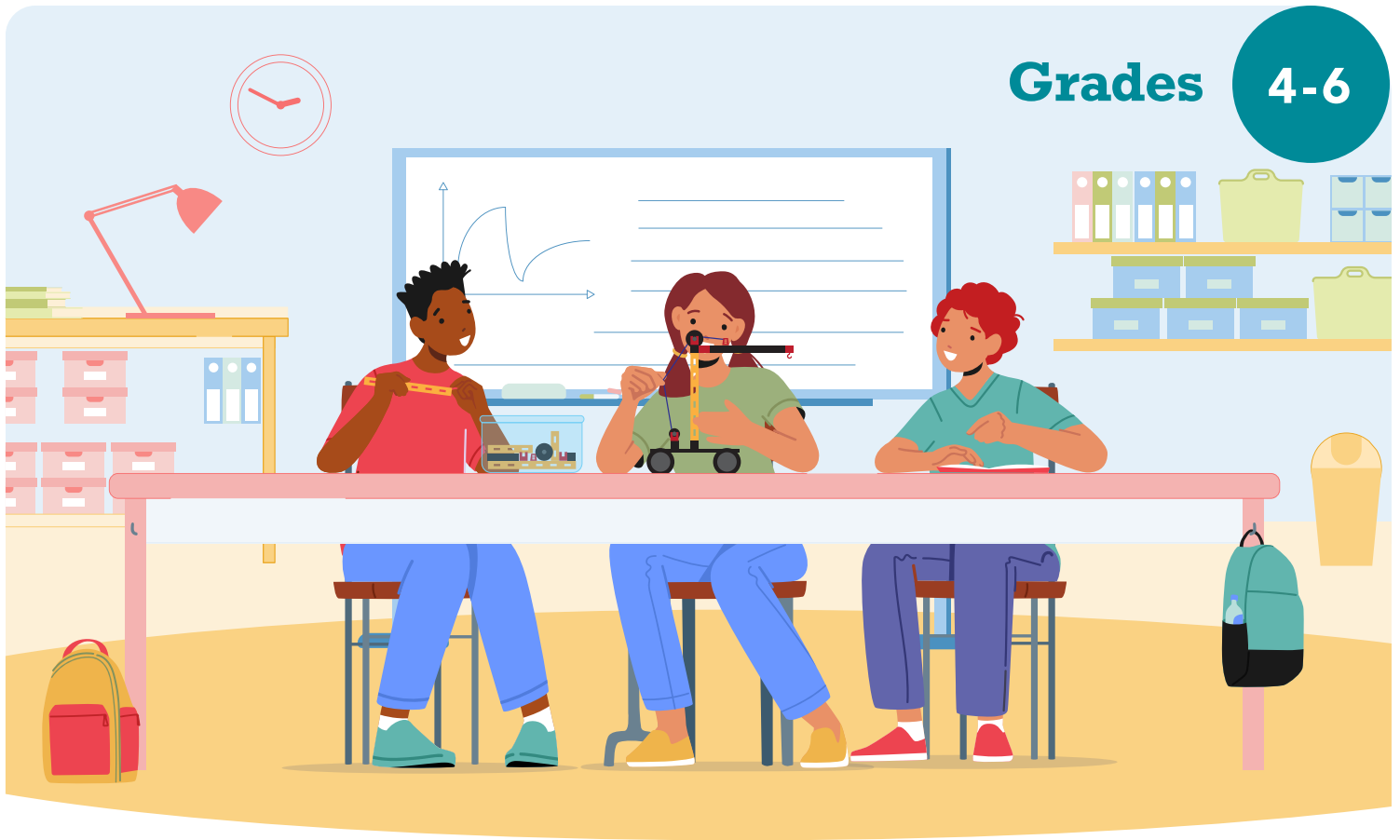
BrickLAB Magic Beans brings **fairy tales** to life through thrilling **STEAM**, language arts and collaborative communication activities. Designed with a focus on **arts integration**, each of the 12, one-hour lessons challenges **hands-on creativity** as students work together to build the characters and stage props needed to act out unique folktales. ♻️ 100% reusable

Subjects: Engineering Design, Art/STEAM, English Language Arts

Complete Program (Materials + Curriculum) \$1,075⁰⁰

Fairy tales meet brick building magic





Simple Machines

Let creativity run wild with a thrilling investigation of **mechanical engineering**. Starting with step-by-step, **hands-on STEM** builds to introduce each of the simple machines, learners advance through 12, one-hour lessons. They investigate levers, pulleys and inclined planes, and enhance critical thinking skills while building upon existing knowledge through the **engineering design** process. ♻️ 100% reusable

Subjects: *Technology, Engineering Design*

Complete Program (Materials + Curriculum) **\$1,545⁰⁰**

Deploy the **engineering design process** to create simple machines





Da Vinci Camp

Dare to be like Da Vinci by tapping into learners’ innate curiosity. Explore the many questions and discoveries made by one of the greatest minds of all time. Through **hands-on STEAM** activities and **creative thinking**, learners investigate how subjects ranging from art to zoology are connected. 🔄 refill kit available

Subjects: Art/STEAM, Math, English Language Arts, Social Studies/History

- Complete Program (Materials + Curriculum) \$625⁰⁰
- Refill Kit \$425⁰⁰



Traveling Artist

Survey the history of art by experimenting with the artistic traditions of the world. Whether you’re carving totem poles in the Pacific Northwest or crafting Aztec masks in the heart of Mexico, get ready to take **creative thinking** and **cultural awareness** head-on by examining the **STEAM** processes that make art possible. Developed with the help of local artists, *Traveling Artist* embodies **STEAM** learning at its finest with a **multi-subject** exploration and **reflection** of the world’s cultures. 🔄 refill kit available

Subjects: Physical Science, Life Science, Earth Science, Art, Math, English Language Arts, Social Studies/History

- Complete Program (Materials + Curriculum) \$850⁰⁰
- Refill Kit \$515⁰⁰

Art projects from around the world



Aztec Masks



Chinese Paper Dragons



Greek Pottery



BrickLAB Famous Architecture Around the World

From walls and arches to post-and-lintel building techniques, use **hands-on** manipulatives, **multi-subject integration** and the **engineering design process** to replicate some of history’s most famous designs, then uncover different architectural considerations from across the globe through 12 **reusable**, one-hour lessons. Encourage creativity and **STEM** enrichment in *BrickLAB Famous Architecture Around the World*. 🔄 100% reusable

Subjects: Technology, Engineering Design, Math, English Language Arts, Social Studies/History

- Complete Program (Bricks + Curriculum) \$950⁰⁰



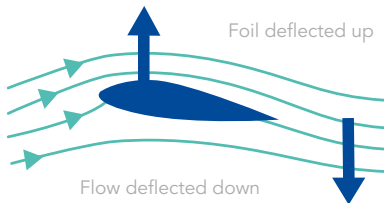
Flight & Aerodynamics

Flight and Aerodynamics is packed with 12 engaging, one-hour aviation lessons. Combine the **engineering design process**, **creative thinking**, the **arts** and a **collaborative** environment to challenge learners to investigate the wonders of flight. Whether they're designing experiments or observing **physics** concepts, guide students through the foundations of scientific inquiry with this multi-subject flight school. 🔄 refill kit available

Subjects: *Physical Science, Engineering Design, Social Studies/History*

- Complete Program (Materials + Curriculum) **\$1,025⁰⁰**
- Refill Kit **\$395⁰⁰**

Explore the **history** and **principles** of aviation



Science of the Human Body

Examine the complexities of human anatomy and physiology through fast-paced, **engineering design** activities. Utilizing **exercise and movement** as a teaching tool, get ready to unravel the mysteries of the human body through **problem-solving** activities like running for a minute to measure heart rate and discovering the importance of proper nutrition through 12, one-hour STEM lessons. 🔄 refill kit available

Subjects: *Physical Science, Life Science, Engineering Design, Math*

- Complete Program (Materials + Curriculum) **\$675⁰⁰**
- Refill Kit **\$195⁰⁰**



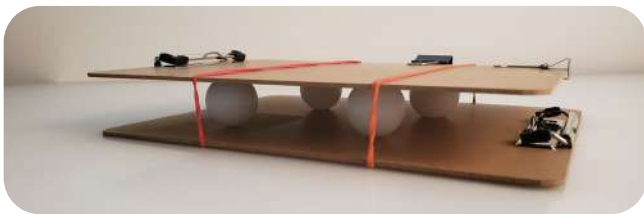
Build a Better World

Take **engineering design** to the next level with a **hands-on** look at the **impact of natural disasters**. *Build a Better World* challenges learners to collaborate on **STEM** projects as they **problem-solve** and model earthquake stability, hurricane winds and system integrity to better understand how buildings resist **natural hazards**. 🔄 refill kit available

Subjects: Earth Science, Engineering Design

Complete Program (Materials + Curriculum)	\$1,075 ⁰⁰
Refill Kit	\$295 ⁰⁰

Mitigating the effects of natural disasters with engineering



Earthquake shake table



Oceanic Exploration

Take the dive with *Oceanic Exploration*. Through **engineering design** activities, challenge learners to collaborate on **sustainability** projects, answering and **reflecting** on important sea-dwelling questions. With action-packed, **hands-on** STEM activities, discover the physical and **geological sciences** that underpin all ocean life. 🔄 refill kit available

Subjects: Physical Science, Life Science, Earth Science, Engineering Design, Math

Complete Program (Materials + Curriculum)	\$645 ⁰⁰
Refill Kit	\$210 ⁰⁰





GET AIRBORNE WITH **MINI** DRONES!



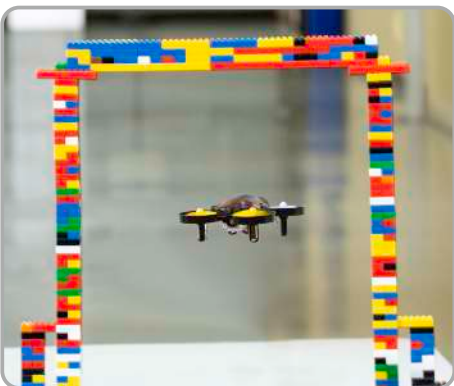
Ready, Set, Drone! Third Edition

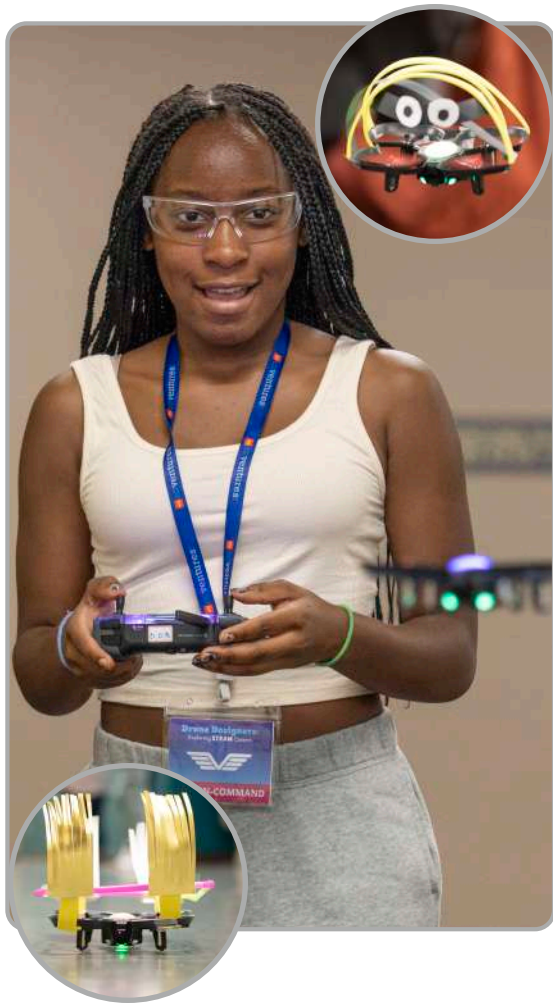
Embark on a sky-high adventure with mini drones! Our 12 one-hour lessons offer an exciting introduction to unmanned aerial vehicles (UAVs). Students delve into **collaborative, hands-on** experiences, prioritizing safety, teamwork and **real-world applications**. This **inquiry-driven** curriculum explores drone physics and **drone piloting**, fostering **critical thinking** for tomorrow's drone-filled future. 🔄 refill kit available

Subjects: Physical Science, Technology, Engineering Design, English Language Arts

- Complete Program (Materials + Curriculum) \$2,995⁰⁰
- Refill Kit \$350⁰⁰

Explore **real-world applications** of UAV technology





Coded drone dance performances and career exploration

Drone Designers: Exploring STEAM Careers Second Edition

Explore the intersection of art and technology with drones! Join the ranks of visionary drone designers who **collaborate** to costume, choreograph and code mini drones in **creative** performances. Unleash your imagination and **problem-solving** skills and discover **STEAM careers** through this artistic and innovative application of drones! 🎧 refill kit available

Subjects: Technology, Engineering Design, Coding, Art/STEAM, Math, English Language Arts

- Complete Program (Materials + Curriculum) \$4,375⁰⁰
- Refill Kit \$750⁰⁰

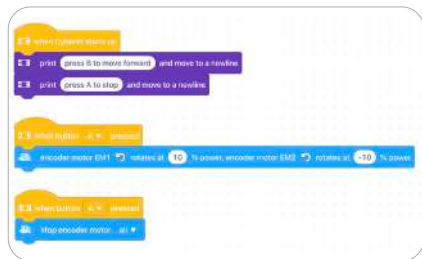


Cosmic Coders

Join us on an interstellar odyssey that fuses robotics, space exploration and **coding**. **Collaborate** to construct an interplanetary city and master **engineering design** with the mBot Neo robot. Brace for an intergalactic **inquiry-driven STEM** experience that's both educational and a blast. Let your **creativity** and **critical thinking** soar with *Cosmic Coders*.

Subjects: Earth Science, Engineering Design, Robotics, Coding, Math, English Language Arts

- Complete Program (Materials + Curriculum) \$2,495⁰⁰



Work with crew members on rescue missions

Use **coding** to problem-solve and explore new planets





Claymation

Containing everything students need to create their own movies, including clay, editing software and cameras, each **application-based** lesson perfectly melds **collaborative learning** with **creative thinking** as students record, dub and edit their own films. A fully **reusable**, **STEAM** Enrichment program, each unit is **scaffolded** with daily projects, technological literacy and a little bit of **movie-making** magic. 🔄 very few consumables 🔄 refill kit available

Subjects: *Technology, Art/STEAM*

- Complete Program (Materials + Curriculum) \$1,345⁰⁰
- Refill Kit \$329⁰⁰



Clay animation **movie-making** fun!



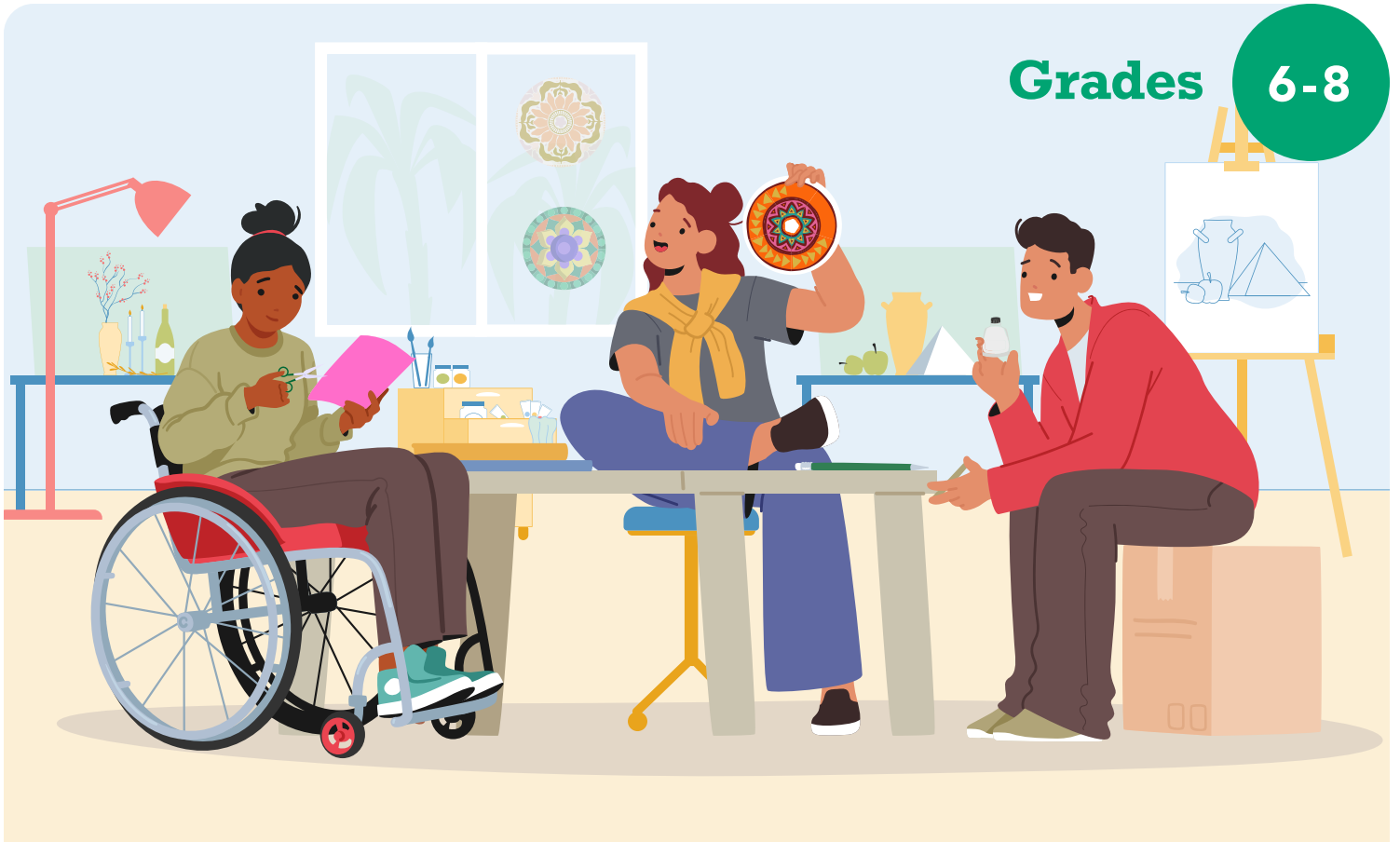
Video Production

Developed around **reusable**, **application-based** STEM curriculum, tablets and free editing software to make **filmmaking** fun and approachable, *Video Production* empowers students with technical skills in video filming and editing. From **collaborative** storyboarding to lighting and audio, each **scaffolded** activity builds upon the previous day, culminating in a final film project. 🔄 very few consumables

Subjects: *Technology, Art/STEAM, English Language Arts*

- Complete Program (Materials + Curriculum) \$415⁰⁰

Grades 6-8



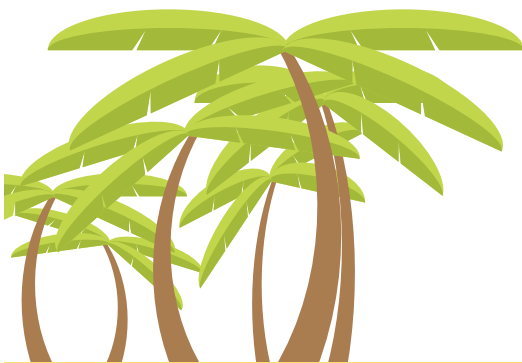
Summer Camp Classics

In *Summer Camp Classics*, students tackle **creative-thinking** and **social-emotional learning** challenges as they **collaborate** to construct friendship bracelets, design leaf prints and blueprint new ways to make s'mores, discovering and **reflecting** on their strengths with this **STEAM**-filled arts and crafts program. 🔄 refill kit available

Subjects: Physical Science, Engineering Design, Art/STEAM

Complete Program (Materials + Curriculum)	\$1075 ⁰⁰
Refill Kit	\$460 ⁰⁰

Summer art projects for the whole year!





Structural Design

Get creativity flowing with *Structural Design*. Whether they're exploring advanced **building and blueprinting** techniques, integrating mechanics into construction or investigating the **engineering design process**, learners develop an understanding and appreciation of the real-world applications of architecture they see every day. ♻️ 100% reusable

Subjects: *Technology, Engineering Design*

Complete Program (Materials + Curriculum) **\$3,495⁰⁰**



Survivor

Over this 12-lesson program, learners explore **positive character development** through mock survival situations and gain crucial skills such as knot tying, water purification and compass navigation. Bringing STEM to the great outdoors through **exercise and movement**, instructors love the hands-on, **collaborative, social-emotional learning** curriculum. With each thrilling activity, students **problem-solve** and put their new skills to the test in order to conquer every challenge Mother Nature throws their way. 🗺️ refill kit available

Subjects: *Physical Science, Life Science, Engineering Design, Math*

Complete Program (Materials + Curriculum) **\$775⁰⁰**

Refill Kit **\$250⁰⁰**



Hone your **survival skills** and find your way home

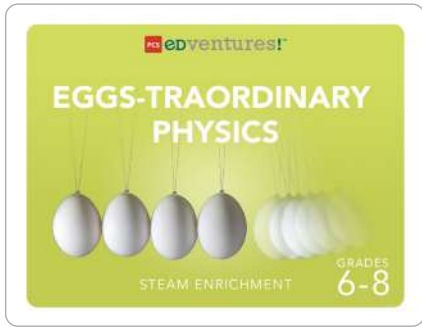


60 Seconds or Less

In this kinesthetic learning enrichment program, students reinforce STEM through 60-second challenges. Each lesson, learners **collaborate** to utilize household items and micro-challenges to demonstrate the **engineering design process** and explore the expansive world of STEM. As the challenges progress, students need to **problem-solve**, move quickly and apply the real-world principles they've learned. ⚡ very few consumables

Subjects: *Physical Science, Engineering Design*

Complete Program (Materials + Curriculum) **\$925⁰⁰**



Eggs-traordinary Physics

In this **reusable, collaborative** program, learners turn the study of **motion and mass** into **hands-on projects** and **engineering design** process challenges. With metal eggs, they'll spin, toss, race and problem-solve while studying the ideas of motion through **iterative thinking** and **social-emotional learning**, reinforcing complex physics concepts with teamwork, creative thinking, active demonstrations and a whole lot of egg-streme STEM fun. 🔄 refill kit available

Subjects: *Physical Science, Engineering Design*

- Complete Program (Materials + Curriculum) **\$795⁰⁰**
- Refill Kit **\$160⁰⁰**



Egg-filled exploration of **physics concepts**



Flying Disc

While enjoying the fresh air, students **collaborate** to investigate how discs only fly because of spin (lift), angular momentum (thrust), shape (drag) and weight (gravity). Embrace **exercise and movement** by investigating the most effective throwing, flying and catching techniques, gaining a crucial understanding of the **forces of motion** that affect all objects in flight. 🔄 very few consumables

Subjects: *Physical Science, Engineering Design*

- Complete Program (Materials + Curriculum) **\$785⁰⁰**



BrickLAB Genetics

Use BrickLAB bricks to guide **inquiry-driven** examinations of the fascinating world of genetics and **heredity**. With each scaffolded lesson, learners review the basics of human **inheritance and trait variations**. Through 12 fully **reusable**, hands-on activities, **extensions** and built-in **assessments**, watch as the intricate coding of genes and the impacts of DNA mutations come to life. 🔄 very few consumables

Subjects: *Life Science*

- Complete Program (Materials + Curriculum) **\$975⁰⁰**



Influencer Camp

Become a mindful digital trailblazer with *Influencer Camp*. Prioritizing online safety, responsibility and **positivity**, learners work **collaboratively** to develop authentic, honest and reliable personal brands. Hands-on video production and scriptwriting promote a **growth mindset** and **media literacy**, while **cultural awareness** and **social-emotional learning** equip learners to navigate the digital landscape responsibly.

Subjects: *Technology, Art/STEAM, English Language Arts*

Complete Program (Materials + Curriculum) \$2,645⁰⁰



Turning media consumers into **media creators**



Create **authentic, honest, relatable** content





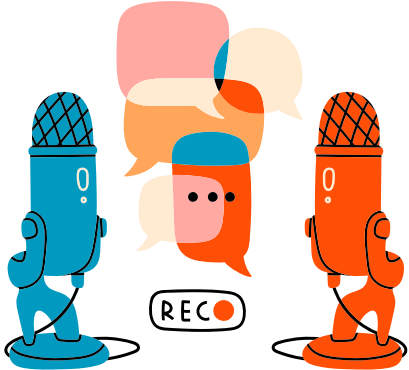
Discover Podcasting

Amplify student voices with the popularity of podcasting! Create imaginative and original stories through **collaborative learning**. **Hands-on** curriculum includes curated content from top podcasters who offer their advice to up-and-coming audio artists. **Scaffolded** lessons break down the creative process step-by-step for added accessibility to all learners, especially **English Learners**. 📅 annual subscription included

Subjects: *Technology, Art/STEAM, English Language Arts*

Complete Program (Materials + Curriculum) \$2,995⁰⁰

10 recording setups for the full studio experience



Teach your learners how to create podcasts just like the pros!



Forensic Science Kits

- Crime Scene Investigation
- Solving Mysteries
- Analyzing Evidence



Rogue Rodent Mystery Deluxe Summer Camp Kit

Help solve the mystery of the missing classroom pet, Alice, and learn all about **crime scene investigation**! In this fun and engaging activity, your younger students will become crime scene investigators, working together to **collect and analyze evidence** to solve the case. They will learn about the different types of evidence that can be found at a crime scene, how to properly collect and preserve evidence, and how to use scientific reasoning to draw conclusions.

GRADES: K-1 • STUDENTS: Up to 30 • CONTACT HOURS: 10+
Complete Program (Materials + Curriculum) **\$899⁰⁰**



Missing Money Mystery Deluxe Summer Camp Kit

This fun, interactive learning program immerses students in grades 2-3 into **scientific discovery** as they work to **solve the mystery** of the stolen funds. Kids will test their CSI skills as they work the case and discover the guilty party!

GRADES: 2-3 • STUDENTS: Up to 30 • CONTACT HOURS: 12+
Complete Program (Materials + Curriculum) **\$899⁰⁰**



Cookie Jar Mystery Deluxe Summer Camp Kit

This fun, interactive, project-oriented **forensic science** course is designed to engage students grades 4-5 in this truly fascinating area of science! Your students will become immersed in roles as crime scene investigators as they work together **examining and analyzing evidence** needed to **solve the mystery** of the broken cookie jar!

GRADES: 4-5 • STUDENTS: Up to 30 • CONTACT HOURS: 12+
Complete Program (Materials + Curriculum) **\$899⁰⁰**



Science Fair Mystery: A Deceitful Display Adventure Summer Camp Kit

The Science Fair Mystery allows your students to delve into the riveting world of **forensic science**, where biology, chemistry, physics, and cutting-edge technology converge. This educational adventure is an opportunity to explore the practical applications of science within the confines of your classroom. Elevate your students' learning experience by embracing the multifaceted world of forensic science—the perfect addition to any science curriculum.

GRADES: 6-7 • STUDENTS: Up to 30 • CONTACT HOURS: 12+
Complete Program (Materials + Curriculum) **\$899⁰⁰**

Foster Curiosity with **Themed STEAM Bundles**

Immerse your learners in captivating experiences with our fun and engaging themes.

KEY FEATURES:

- **Flexible Format:** each theme includes 12 hours of content per grade band, designed as a stand-alone program or a mix-and-match solution.
- **Themed Learning:** immersive themes provide a cohesive and engaging learning experience for students.

Example themed solution for all of your learners

	Brick Builders	Land, Water and Sea	Artistic Escapades
Grades TK-K			
Grades 1-3			
Grades 4-6			
Grades 7-8			

See our

A Year of STEAM Inspiration

catalog for example and custom solutions



Contact us at edventures.com/consult to get your custom STEAM solution



Technology Explorers	Creator Club	Future Engineers	Active Bodies, Active Minds



What's in a BrickLAB?

- 6,500+ BrickLAB Building Bricks (100% Reusable)
- Engaging Project-Based Lessons for up to 30 Learners
Plus lesson extensions
- Turn-Key Implementation
- Aligned to National Education Standards
ITEEA, NCTM, NCSS and NCTE

All BrickLAB bricks
needed for
up to 30 learners

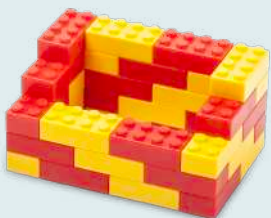


Mesh bag

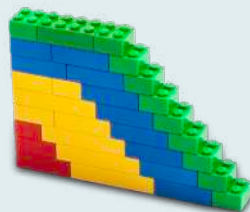
Storage tubs

Instructor Guides

Sample Lessons from BrickLAB Tech



BrickLAB TECH - Grade 1
Curbside Recycling



BrickLAB TECH - Grade 3
Cross section of the Earth



BrickLAB TECH - Grade 4
Water Purification



BrickLAB Tech

Housing 12, two-hour units, *BrickLAB Tech* combines the power of **collaborative learning** with the art of **engineering design** in an exploration of technology. Expand your learner's **creative thinking** and **problem-solving** skills with captivating, reusable, **hands-on STEM** projects which build an understanding of **technology's ethical effects** on the environment and society. ♻️ 100% reusable

Subjects: *Technology, Engineering Design*

GRADES: K, 1, 2, 3 & 4 • **STUDENTS:** 30
CONTACT HOURS: 24+ PER GRADE LEVEL

Ultimate Set Grades K-4 (Bricks + Curriculum) \$1,295⁰⁰
 Single Grade Set (Bricks + Curriculum) \$850⁰⁰



BrickLAB STEM Foundations

BrickLAB STEM Foundations is your **STEM** library, housing the lesson sets in physics, technical communication, construction engineering and math. With over 52 hours of stimulating, **reusable**, real-world building adventures, this turn-key STEM enrichment solution engages a wide variety of age levels through **multi-subject integration**, **social-emotional learning** and **hands-on engineering design** exercises. ♻️ 100% reusable

Subjects: *Physical Science, Technology, Engineering Design, Math, English Language Arts*

GRADES: 4-6 • **STUDENTS:** 30 • **CONTACT HOURS:** 52+
 Complete Program (Bricks + Curriculum) \$1,095⁰⁰



BrickLAB Core

BrickLAB Core seamlessly melds a dynamic, **multi-subject** approach to **STEAM** enrichment. With 12, one-hour **hands-on** lessons in science, math, social studies and language arts, challenge students to put their **creative thinking** and **problem-solving** skills to the test as they explore the secrets of manipulative-based, **collaborative learning**. ♻️ 100% reusable

Subjects: *Physical Science, Life Science, Earth Science, Math, English Language Arts, Social Studies/History*

GRADES: 1, 2, 3, 4, 5 & 6 • **STUDENTS:** 30
CONTACT HOURS: 12+ PER GRADE LEVEL

Ultimate Set Grades 1-6 (Bricks + Curriculum) \$1,195⁰⁰
 Single Grade Set (Bricks + Curriculum) \$830⁰⁰



Math Manipulatives



Promote math education by providing:

- Manipulative materials so students can visualize math concepts
- Lessons that allow for fun math practice
- Content that builds critical thinking and problem-solving skills



Each kit has **20 grab-n-go lessons** with everything you need for a **group of up to 8 students**. Materials in kits are **100% reusable** with high-quality supplies and laminated writing boards so games and activities can be played again and again.

Ultimate Math Kit (Grades K - 8)	\$3,795⁰⁰
Deluxe Math Kits by Grade Level (TK, K, 1, 2, 3, 4, 5, 6-8)	\$549⁰⁰
Math Problem Solving Kit (Grades K-2)	\$549⁰⁰
Money Matters Kit (Grades 3-5)	\$549⁰⁰
Math and Sports Kit (Grades 6-8)	\$549⁰⁰



High-flying STEM to prepare for the careers of tomorrow

- Options for Buildable Drones, Mini Drones, Career Exploration & Coding
- All Curriculum & Equipment Included
- Professional Development Available

MEET
Rub 

The Drone that Powers Discover Drones

- Buildable, with Durable Parts Kit
- Fully Configurable
- Primed with Safety Features
- No Soldering Required
- Flight Training to Prepare for Part 107 Use
- Gateway to Degrees and STEM Careers



DISCOVER DRONES

BASE PACKAGES

GRADES: 7-12 • CONTACT HOURS: 30+



DRONES:
2

STUDENTS:
UP TO 10

STUDENT/DRONE:
5:1

DRONES:
5

STUDENTS:
UP TO 25

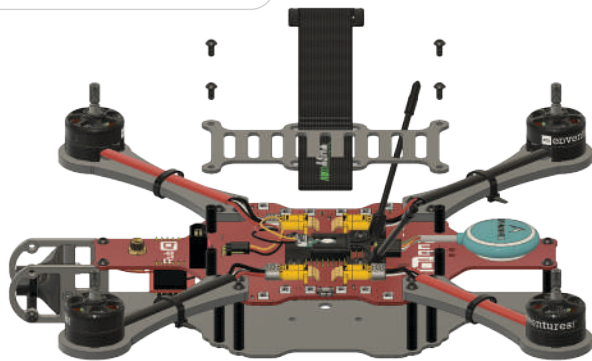
STUDENT/DRONE:
5:1

Club Base Package - 2 Drones..... \$3,995⁰⁰

Classroom Base Package - 5 Drones..... \$8,995⁰⁰

Base Packages include:

Buildable Drones



Includes spare parts and tools for assembly

STEM Print Curriculum + Digital Resources



Supporting Hardware



FPV goggles



Radio controllers



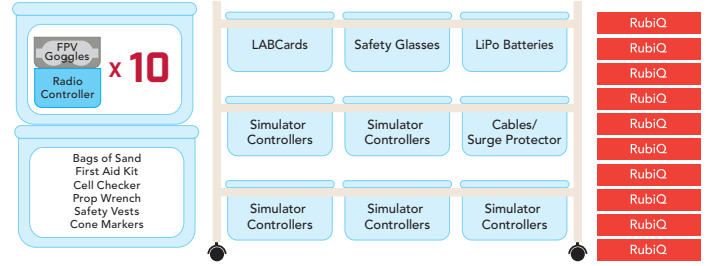
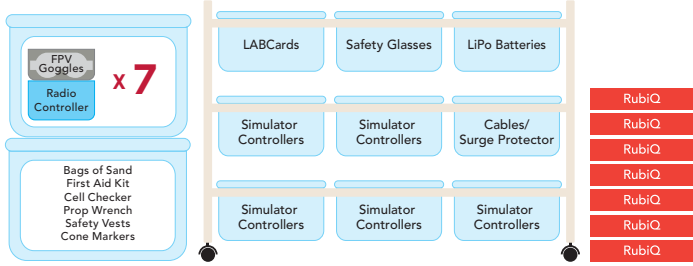
Battery chargers

Licenses for Flight Simulator



PREMIUM PACKAGES (includes modular storage)

GRADES: 7-12 • CONTACT HOURS: 30+



DRONES:
7

STUDENTS:
UP TO 21

STUDENT/DRONE:
3:1

DRONES:
10

STUDENTS:
UP TO 30

STUDENT/DRONE:
3:1

Premium Package - 7 Drones \$18,495⁰⁰

Premium Package - 10 Drones \$25,995⁰⁰

Premium Packages include everything from Base Packages plus:

Additional Supporting Hardware



x7 x10



x7 x10

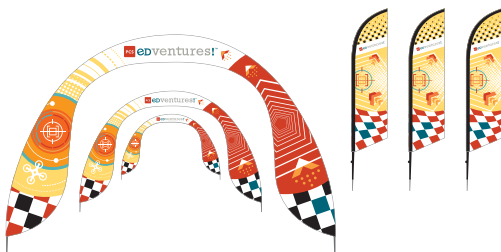


x3 x4

FAA Part 107 Prep Course Access



Racing Gates and Flags



Remote ID Module



Additional Safety Equipment





STUDENT RESOURCES

- **LABCards:** Student-Directed, Step-by-Step Curriculum
- **Droneology:** Web-Based Video Learning Series
- **FPV Freerider:** Flight Simulator Pilot Training
- **rubiq.edventures.com:** Online Configuration Guide & Troubleshooting



EDUCATOR RESOURCES

- **Comprehensive Technical Guides:** Battery Charging, Transmitter Operation, and More
- **Digital Resource Portal:** Centralized Digital Resource Hub
- **Introductory Webinar:** One-Hour Live Online Orientation Webinar with Every Purchase
- **Technical Support:** Free Live Tech Support Available by Phone and Email



PROFESSIONAL DEVELOPMENT OPTIONS

- **Virtual 4 & 8-hour training sessions:** Training covers curriculum, software licenses and hardware integration.
- **On-site training at your location:** Training covers everything in-depth from curriculum and software licenses to hardware integration and flight demo/practice, at a location of your choosing.
- **Two-Day Introduction to Discover Drones Training in Boise, ID:** Training covers everything in-depth from curriculum and software licenses to hardware integration and flight demo/practice.

DISCOVER DRONES ADD-ONS



INSTRUCTOR DRONE KIT

Additional drone materials to develop instructor proficiency and piloting expertise.

Instructor Drone Kit \$1,995⁰⁰

DRONE PILOT GROUND SCHOOL

Drone Pilot Ground School is an online test prep course for drone pilots looking to pass the FAA Aeronautical Knowledge Test for a Remote Pilot Certificate (Part 107). Obtaining a Part 107 certificate allows a drone pilot to engage in commercial drone operations, for income. Potential applications include real estate photography, event photography, construction site surveying, and many more.

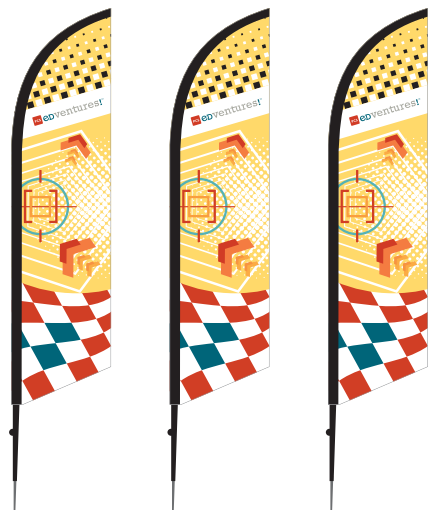
Individual Seat One-Year Subscription \$180⁰⁰



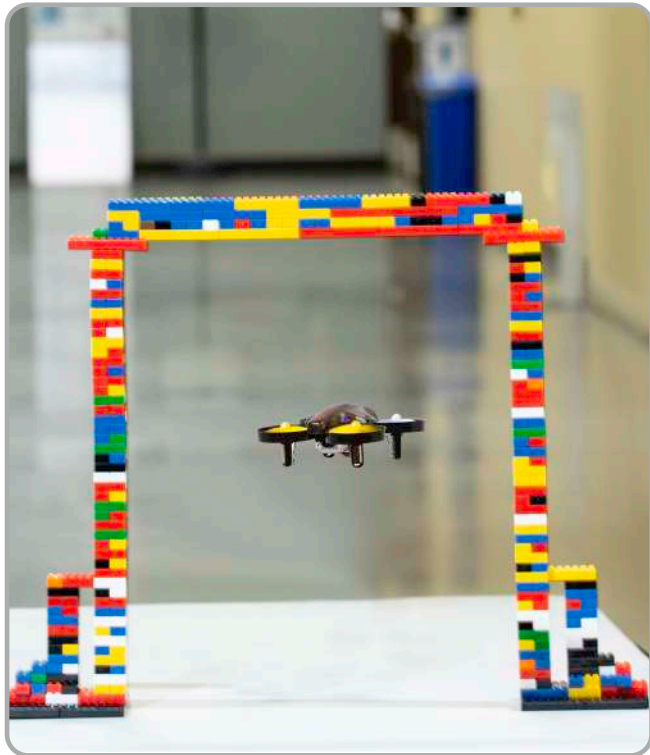
OUTDOOR RACING KIT

Includes flags and gates and all the materials needed for students to expand their outdoor piloting skills.


Full Kit \$349⁰⁰



GET AIRBORNE WITH **MINI** DRONES!



Ready, Set, Drone! Third Edition

Embark on a sky-high adventure with mini drones! Our 12, one-hour lessons offer an exciting introduction to unmanned aerial vehicles (UAVs). Students delve into **collaborative, hands-on** experiences, prioritizing safety, teamwork and **real-world applications**. This **inquiry-driven** curriculum explores drone physics and **drone piloting**, fostering **critical thinking** for tomorrow's drone-filled future.  refill kit available


Subjects: Physical Science, Technology, Engineering Design, English Language Arts

GRADES: 4-8 • **STUDENTS:** Up to 30
CONTACT HOURS: 12+ • **DRONES:** 6
STUDENTS/DRONES: Up to 5:1

Complete Program (Materials + Curriculum) **\$2,995⁰⁰**
Refill Kit **\$350⁰⁰**



Drone Designers: Exploring STEAM Careers

Explore the intersection of art and technology with drones! Join the ranks of visionary drone designers who **collaborate** to costume, choreograph and code mini drones in **creative** performances. Unleash your imagination and **problem-solving** skills and discover **STEAM careers** through this artistic and innovative application of drones!  refill kit available

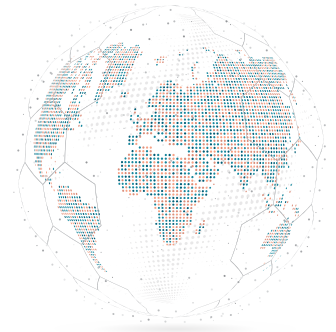
GRADES: 4-8 • **STUDENTS:** Up to 30
CONTACT HOURS: 12+ • **DRONES:** 6
STUDENTS/DRONES: Up to 5:1

Subjects: Technology, Engineering Design, Coding, Art/STEAM, Math, English Language Arts

Complete Program (Materials + Curriculum) **\$4,375⁰⁰**
Refill Kit **\$750⁰⁰**

GAME-BASED LEARNING

An instructor can be virtually brought into the classroom to work directly with students as they build worlds in **Game Design** or go for the win in **Esports**!



- Virtual Instructors for Easy Implementation
- Creative & Technical Skill-Building
- Teamwork & Leadership Development



Game Design

Game Design helps learners **build technical skills** that will benefit any career path they choose. Through project-based learning, students gain hands-on experience with **3D modeling, animation** and **programming** as they create their own complete games.

GRADES: 4-12 • **STUDENTS:** Groups of 25 • **CONTACT HOURS:** 2, 5, or 10+ hours per week

Game Design Course (20 total hours)	\$2,995 ⁰⁰
Game Design Course (30 total hours)	\$4,695 ⁰⁰
Game Design Course (60 total hours)	\$6,995 ⁰⁰
Game Design Course (170 total hours)	\$18,495 ⁰⁰
Game Design Curriculum & Software Only (No instructor)	\$3,295 ⁰⁰
Game Design Curriculum & Software / VR LAB	\$4,995 ⁰⁰



Esports

ESPORTS teaches students **teamwork, collaboration**, handling frustration and **leadership** in a format learners love. Esports teams can help improve students' **social-emotional learning**, boost school spirit and generate excitement among students, parents and the community.

GRADES: 6-12 • **STUDENTS:** Groups of 25 • **CONTACT HOURS:** 2, 5, or 10+ hours per week

Esports Course (20 total hours)	\$2,995 ⁰⁰
Esports Course (30 total hours)	\$4,695 ⁰⁰
Esports Course (60 total hours)	\$6,995 ⁰⁰
Esports Course (170 total hours)	\$18,495 ⁰⁰
Esports Curriculum & Software Only (No instructor)	\$3,295 ⁰⁰



Custom Program Options Available!



What is Discover?

- Today's Technologies
- Access to Future Careers
- Student-driven Exploration
- Facilitator Flexibility
- Small Group Collaboration



Discover Digital Video LAB

Spark a love of the silver screen with **application-based, collaborative** curriculum and survey digital documentaries, historical recreations and original films! With a simple startup, step-by-step **scaffolded** activities and built-in **reflections**, this series easily introduces challenging video production skills into any learning environment as **intrinsic motivation** guides **creative thinking**. ♻️ 100% reusable

GRADES: 1-5 or 6-12 • STUDENTS: 30 per LAB
CONTACT HOURS: 60+

Complete Program 1-5 or 6-12 \$2,600⁰⁰
Duo (1-5 & 6-12) \$4,875⁰⁰



Discover Engineering

Discover Engineering is a fast-moving, **reusable** kit that prepares students to adapt to today's rapidly evolving technologies. Jumping from wheels and pulleys to different types of gears, this **scaffolded** curriculum has students **problem-solve** and utilize the **engineering design process** as they build upon each day's iterative concepts to combine what they've learned into more complex systems. ♻️ 100% reusable

GRADES: 4-8 • STUDENTS: 1-6 per kit • CONTACT HOURS: 25+

Single Kit:

STUDENTS: 1-6 per kit
Complete Program (1 kit) \$515⁰⁰

Club Pack:

STUDENTS: up to 30
Complete Program (5 kits) \$2,445⁰⁰

Classroom Set:

STUDENTS: up to 48
Complete Program (8 kits + rolling storage carts) \$4,295⁰⁰





Inspire upcoming generations to pursue careers in STEM through collaborative mini-**makerspaces**. Use modern technology to instill real-life skills through **scaffolded**, reusable activities. ♻️ 100% reusable

GRADES: 3-4 • STUDENTS: up to 24
CONTACT HOURS: 100+

Complete Grades 3-4 Program \$2,195⁰⁰
Dynamic Duo - Complete 3-4 & 5-6 Program

Science - BrickLAB Zoology

Utilizing PCS Edventures building bricks, *BrickLAB Zoology* is full of hands-on lessons in animal adaptation, **biological innovations** and everything you need to send students down the science rabbit hole.

Technology - Digital Video LAB

With a simple startup, step-by-step scaffolded activities and built-in reflections, this series easily introduces challenging and reusable video production skills into any learning environment..

Engineering - Discover Bots & Blocks

Six **engineering design** activities and six **coding** activities engage learners in **iterative thinking** and develop their **problem-solving** skills.

Math - Discover Digits & Design

The *Discover Digits & Design* curriculum includes 12 student activities, divided into four groups based on fun and engaging math manipulatives.

With over 70 hours of STEM enrichment, this reusable mini-**makerspace** takes learners on a **scaffolded** journey through **engineering design** and sustainability. ♻️ 100% reusable

GRADES: 5-6 • STUDENTS: up to 24
CONTACT HOURS: 70+

Complete Grades 5-6 Program \$2,195⁰⁰
Dynamic Duo - Complete 3-4 & 5-6 Program

Science - Discover Dynamics

Explore physical phenomena like acceleration, inertia, the principles of linear motion, equilibrium of forces and the laws of motion with *Discover Dynamics*.

Technology - Discover Coding

Build and program robots with the *Discover Coding* kit! Use sensors and actuators with the Scratch app to learn coding and develop essential skills.

Engineering - Discover Engineering

Discover Engineering is a fast-moving, **reusable** kit that prepares learners to adapt to today's rapidly evolving technologies.

Math - Discover Renewable Energy

The *Discover Renewable Energy: Solar Beginner* set is perfectly designed to help students understand the possibilities of **solar energy**.

Discover STEM LAB 3-4



Discover STEM LAB 5-6





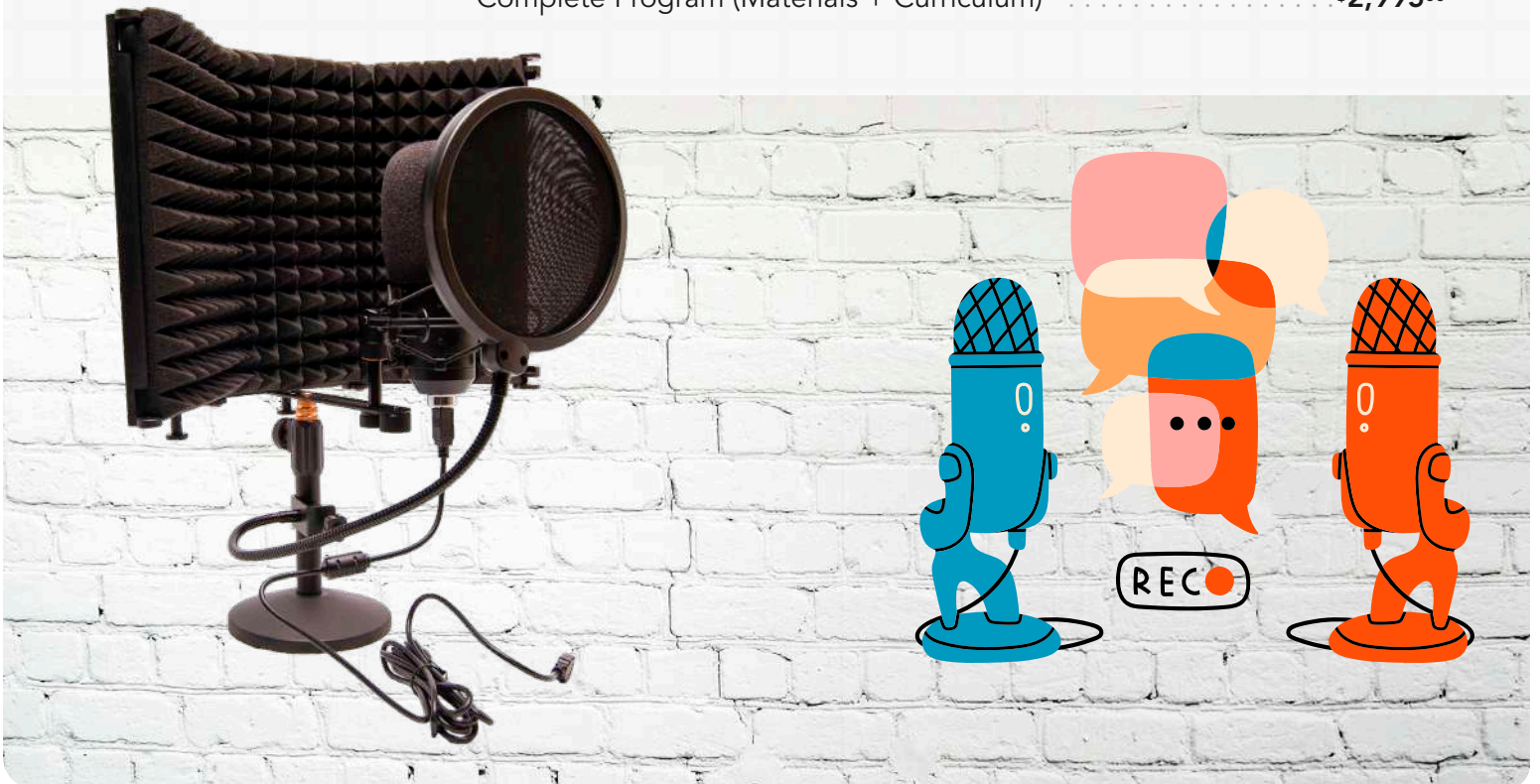
Discover Podcasting

Amplify student voices with the popularity of podcasting! In this **application-based** program, students explore production team roles as they create their own podcasts through **collaborative learning**. **Hands-on** curriculum includes curated content from top podcasters who offer their advice to up-and-coming audio artists. **Scaffolded** lessons break down the creative process step-by-step for added accessibility, especially for **English Learners**. Microphones, headphones and an easy-to-use digital audio workstation provide all the materials you need to set up your own sound studio. Leverage the buzz about podcasts and the **intrinsic motivation** that comes with this engaging medium for learners in grades 4-8. 📅 annual subscription

Subjects: *Technology, Art/STEAM, English Language Arts*

GRADES: 6-12 • **STUDENTS:** 30 • **CONTACT HOURS:** 12+

Complete Program (Materials + Curriculum) **\$2,995⁰⁰**



Why Choose **PCS Edventures**?

- **Engaging Experiences:** Hands-on activities and interactive lessons capture students' imaginations and foster a deeper understanding of STEAM concepts.
- **Expert Professional Development & Support:** Our dedicated team provides the guidance and training you need to implement programs with confidence.
- **21st Century Skills Focus:** Our programs equip students with the essential skills – critical thinking, problem-solving, collaboration and communication – that are crucial for success in today's rapidly changing world.



Boost Student Engagement:

Watch as learners blossom into curious and engaged explorers, fostering a love for exploration and knowledge.



Simplify Planning for Multiple Sites:

Forget building curriculum from scratch. Our catalog offers scalable solutions with pre-designed, standards-aligned STEAM packages tailored for various grade levels.



Streamline Your Workload: Our curated, year-long STEAM Enrichment packages eliminate the guesswork and provide everything you need for a successful program, saving you valuable time searching for and assembling materials.

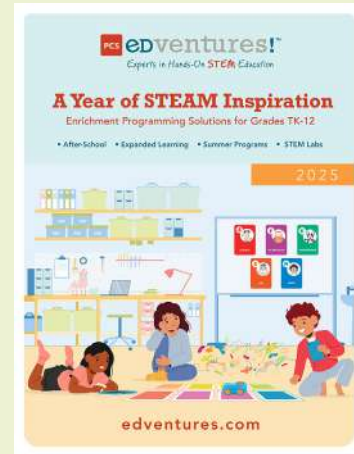
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See inside for details

See our **A Year of STEAM Inspiration** catalog for full program solutions



Need a Custom Solution?

(800) 429-3110 • sales@edventures.com • edventures.com



Disclaimer: refer to the website for the most current pricing and materials list.

Rev: 11/12/24

