



TECHTERRA EDUCATION STEM IN A BOX CATALOG 2022-2023

ACCELERATE LEARNING THROUGH STEM

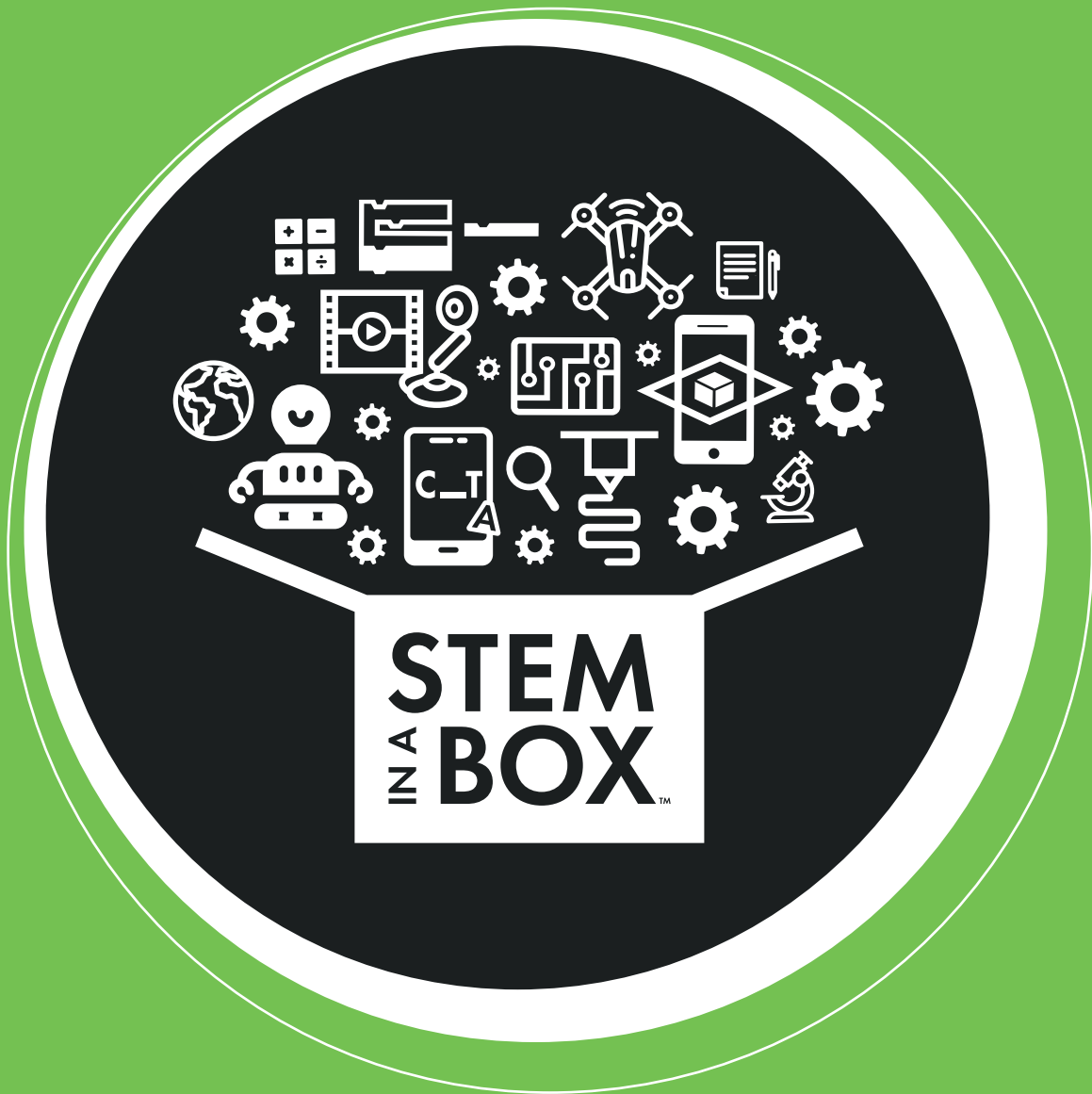


TABLE OF CONTENTS

STEM in a Box Programs	3
What is STEM in a Box?	3
Complete STEM in a Box LineUp	6
STEM in a Box for Pre-K	7
STEM in a Box for K-2nd	9
STEM in a Box for 3rd-5th	12
STEM in a Box for 6th-8th	17
Additional STEM Tools	22
Contact Us	24



TECHTERRA
E D U C A T I O N



THE TURN-KEY **STEM SOLUTION** FOR THE SCHOOL DAY AND BEYOND.

Explore. Experience. Enhance. Enrich.

STEM research and statistics have taken a prominent place in the news for more than a decade. It is no longer a question of whether STEM is important in the classroom but ensuring smooth implementation for everyone involved and recognizing the fundamental nature of STEM skills. TechTerra has created the STEM in a Box™ product so learning can be wherever students are: in school, after school, at home. Even with these uncertain times, students' essential skills are critical.

“Employment in STEM occupations has grown 79% since 1990.” (Via Education Commission of the States)

“The average median hourly wage for STEM jobs is \$38.85.” (Via the Bureau of Labor Statistics)

“Fewer than half of the schools in the US offer STEM classes.”(Via ESchool News)

There are 34 Classroom Ready TechTerra STEM in a Box™ programs spanning Early Learning (PreK) through 8th grade. Each program includes age appropriate core STEM tools and standards-aligned curriculum covering our exclusive Stations of STEM™: Circuitry, Digital Storytelling, Engineering & Design, Connected Learning, Augmented Reality, Robotics, and Coding. We also include teacher training and ongoing support to ensure confidence and ease of use. It's STEM Education that's engaging for students and teachers and leads to both real learning and essential skills development.

STEM in a Box™

Grades K-2



STEM in a Box™

Grades 3-5



STEM in a Box™

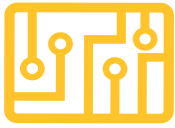
Grades 6-8





CODING

Learn coding fundamentals, including problem solving and logical thinking



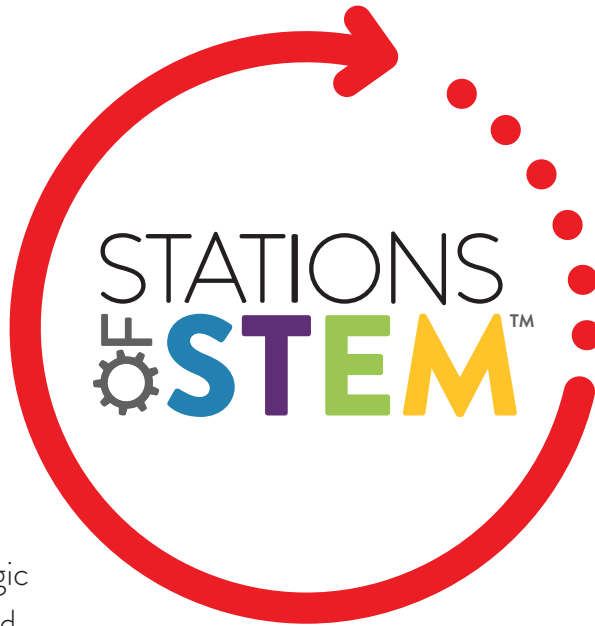
CIRCUITRY

Learn physics and key components with hands-on electronic circuits

ROBOTICS



Improve math, science, and logic knowledge while assembling and programming robots



DIGITAL STORYTELLING

Share an experience, present some new information, create with moviemaking



CONNECTED LEARNING & AUGMENTED REALITY

Use hands-on manipulatives with interactive digital games



ENGINEERING DESIGN

Explore, design and create solutions to solve everyday problems



Inside & Outside the School Day

30+ Unique Weeks of STEM Lessons
60+ Instructional mins/week
Options for Grades Pre-K through 8th
Class size up to 25 Students



Theme-based Programs

5 Days of Full Day Programming
Theme Based Curriculum
Options for Grades Pre-K through 8th Class size up to 25 Students/Campers

STEM IN A BOX PROGRAM	GRADES				ADDITIONAL COMPETENCIES			
Inside & Outside the School Day Programs	Pre-K	K-2	3-5	6-8	Robotics	Drones	3D	Core Science
Explore Beyond the School Day Early Learners								
Explore Beyond the School Day K-2nd								
Explore Beyond the School Day 3rd-5th								
Explore Beyond the School Day 6th-8th								
Theme-based Programs								
Backyard Bugs and Bots								
Superhero Science								
Coding and Robotics Screen-Free								
Art and Design with 3D								
Portable Science with Microscopes								
Make a Computer, Learn to Code with Piper								
Drones and Flight with Tello EDU								
Solar Science								
Super STEM CyberSpy								
Architectonics and STEM								
Coding Through Gaming								
Exploring Science with Databot								
Create and Code Your Own Robot								



CIRCUITRY

Although they use it constantly, many students don't understand the basic principles of electricity. This STEM station helps kids begin to develop an understanding of electrical current. With our tools they use critical thinking skills and deductive reasoning to create their own electric circuits using a few simple materials, and test the conductivity of a variety of materials.



CODING

The Coding Station - or computer programming - is writing a set of instructions that a computer understands so it will perform a task. Coding puts children in control of the computer. Students are encouraged to experiment and build mastery in sequencing skills, counting, problem solving, logical thinking, cause and effect, and critical thinking. Coding allows students to create content, not just consume it. Coding gives them responsibility to think differently about the technology they use in their everyday lives.



DIGITAL STORYTELLING

Digital Storytelling is a powerful way to connect learners to reading, writing and digital literacy. Digital tools make it easy for these emerging writers to create and publish their own stories. Digital storytelling relies on showing as much as telling because literacy is more than just words on paper. Additionally, for students who are not yet strong readers or confident speakers, or are new to the English language, creating digital stories provides an authentic opportunity to practice fluency.



ENGINEERING DESIGN

Engineering Design is about creating solutions for problems or needs. Taking a new solution concept from the imagination to physical form is one of the best ways to encourage kids to be problem solvers. The National Academy of Engineering has identified six important engineering "habits of mind": creativity, optimism, systems of thinking, collaboration, communication and ethical considerations.



CONNECTED LEARNING & AUGMENTED REALITY

Connected learning is a broad term for education in today's digital age reflecting advanced and connected technologies that enable learners to digest knowledge and skills more effectively, efficiently and conveniently and participate in their own learning actively. Augmented Reality helps to accommodate a risk-free environment in school classes. With immersive technology, teachers don't need to use fire, electricity and dangerous substances inside the classroom.

ROBOTICS



Robotics is more than playing with robots. Robotics integrates all STEM fields in a way no other discipline can. Mechanical, electrical, electronics, control engineering, computer science, technology, math and science skills all fall under the robotics umbrella. Working with robots makes learning fun, engaging, and provides highly practical hands-on experience.



**STEM
IN A BOX+**
AFTERSCHOOL

Pre-K Full Year Curriculum



STEM in a Box Full Year Curriculum for Early Learners

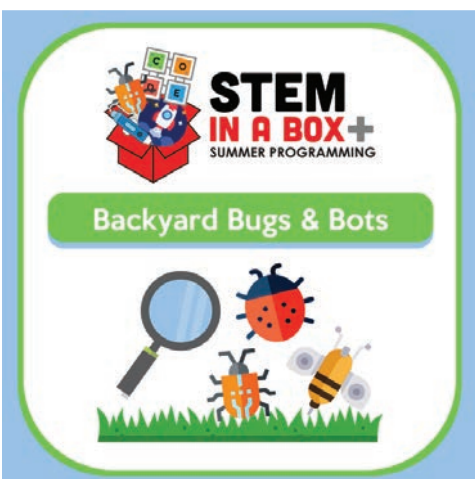
SIB-TTE-3001-PK - \$4,599

- 30+ Weeks of Unique STEM Lessons
- 60+ instructional minutes per week
- Age appropriate STEM tools that cover:
 - Coding
 - Engineer & Design
 - Connected Learning & Augmented Reality
 - Digital Storytelling
 - Circuitry
 - Robotics
- Customizable Options
- Optional Tool Q&A Session

TOOLS INCLUDE

- Snap Circuits Beginner
- Qobo Codable Robot
- Sparkables Design Process Inspirations Cards
- Marbotic Smart Kit
- Matatalab Coding Set
- Cubetto Robot
- Octagon AR Dinosaur 4D+
- Osmo Little Genius Kit
- Zu3D Stop Motion Animation Kit
- Pai Tech Botzees Robot
- Curiscope Virtuali-Tee
- Octagon AR Octaland Flashcards
- Printed Curriculum





STEM in a Box Week Long Curriculum

Backyard Bugs & Bots for Pre-K

TTE-3009-PK - \$2,999

- 5 Full Days of Programming & Tools
- Explore the world of your own backyard!

TOOLS INCLUDE:

Nano Hex Bug
Osmo Little Genius Kit
Marbotic Smart Kit
Octagon AR Octaland Flashcards
Snap Circuits Beginner
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum

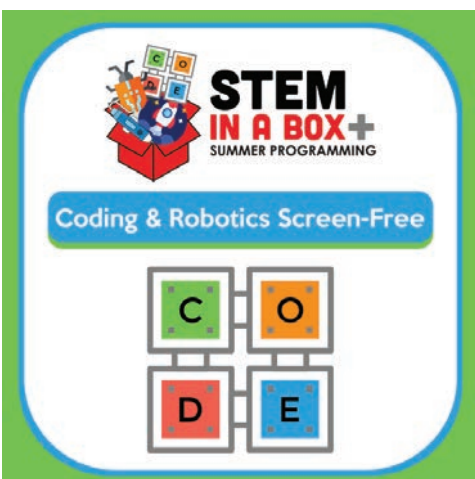
Super Hero STEM for Pre-K

TTE-3006-PK - \$2,999

- 5 Full Days of Programming & Tools
- Discover how Super Heroes get their power, then become your own!

TOOLS INCLUDE:

Osmo Little Genius Kit
Marbotic Smart Kit
Octagon AR Octaland Flashcards
Snap Circuits Beginner
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum

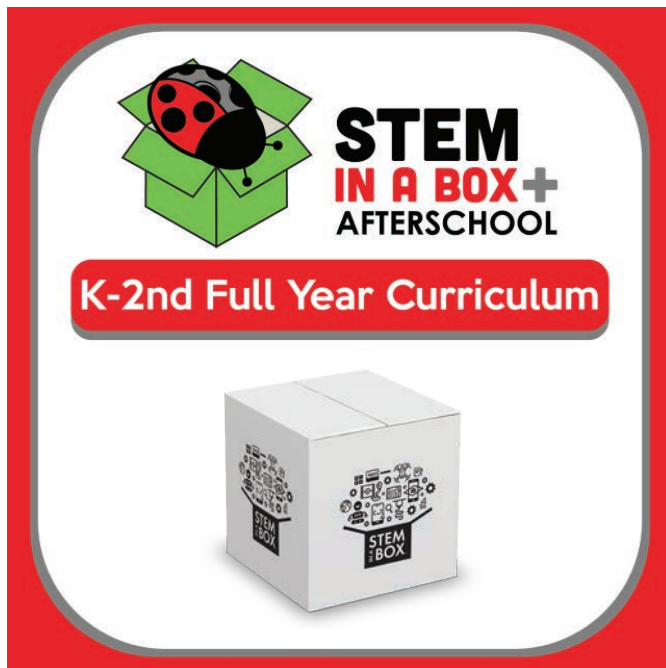
Coding & Robotics Screen Free for Pre-K

TTE-3002-PK - \$3,899

- 5 Full Days of Programming & Tools
- Explore the world of your own backyard!

TOOLS INCLUDE:

Qobo Codable Robot
Botzees Codable Robot
Matalab Pro Coding Set
Cubetto Robot
Osmo Little Genius Kit
Marbotic Smart Kit
Octagon AR Octaland Flashcards
Snap Circuits Beginner
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Full Year Curriculum for K-2nd

SIB-TTE-3001-K2 - \$4,599

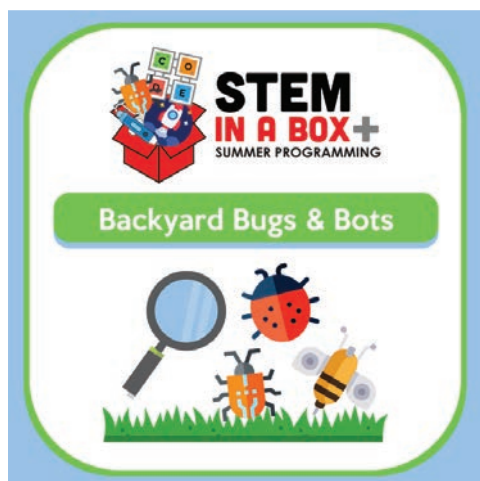
- 30+ Weeks of Unique STEM Lessons
- 60+ instructional minutes per week
- Age appropriate STEM tools that cover:
 - Coding
 - Engineer & Design
 - Connected Learning & Augmented Reality
 - Digital Storytelling
 - Circuitry
 - Robotics
- Customizable Options
- Optional Tool Q&A Session

TOOLS INCLUDE

TOOLS INCLUDE:

- Snap Circuits Jr. SC 100
- Sparkables Design Process & Inspiration Cards
- Matatalab Coding Set
- Scratch Jr. Coding Cards
- Makeblock Codey Rocky
- Zu3D Stop Motion Animation Set
- Qobo Coding Robot
- Makey Makey Invention Kit
- Scottie Go! BASIC Coding Game
- Scottie Go! Magnetic Tiles
- Curiscope Virtuali-Tee
- Octagon AR Dinosaur & Animal Flashcards
- Osmo Pizza Co.
- Osmo Detective Agency
- Osmo Base
- Printed Curriculum





STEM in a Box Week Long Curriculum

Backyard Bugs & Bots for K-2nd

TTE-3009-K2 - \$2,999

- 5 Full Days of Programming & Tools
- Explore the world of your own backyard!

TOOLS INCLUDE:

Nano Hex Bug
Osmo Pizza Co. & Base
Marbotic Smart Kit
Octagon AR Animal & Dinosaur Flashcards
Snap Circuits Jr. SC 100
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Curiscope Virtuali-Tee
Printed Curriculum



STEM in a Box Week Long Curriculum

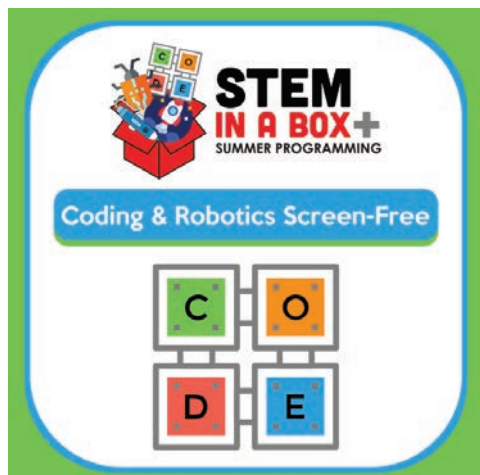
Super Hero STEM for K-2nd

TTE-3006-K2 - \$2,999

- 5 Full Days of Programming & Tools
- Discover how Super Heroes get their power, then become your own!

TOOLS INCLUDE:

Osmo Pizza Co. & Base
Marbotic Smart Kit
Octagon AR Animal & Dinosaur Flashcards
Snap Circuits Jr. SC 100
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Curiscope Virtuali-Tee
Printed Curriculum



STEM in a Box Week Long Curriculum

Coding & Robotics Screen Free for K-2nd

TTE-3002-K2 - \$3,899

- 5 Full Days of Programming & Tools
- Learn to build and code your own robots!

TOOLS INCLUDE:

Pai Tech Botzees
Matatalab Coding Set
Qobo Codable Robot
Osmo Pizza Co. & Base
Marbotic Smart Kit
Octagon AR Animal & Dinosaur Flashcards
Snap Circuits Jr. SC 100
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Curiscope Virtuali-Tee
Printed Curriculum

STEM in a Box Week Long Curriculum

Art & Design with 3D for K-2

TTE-3003-K2 - \$3,599

- 5 Full Days of Programming & Tools
- Create your own 3D Designs!

TOOLS INCLUDE:

3D Printing Pen
Osmo Pizza Co. & Base
Marbotic Smart Kit
Octagon AR Animal & Dinosaur Flashcards
Snap Circuits Jr. SC 100
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Curiscope Virtuali-Tee
Printed Curriculum



STEM in a Box Week Long Curriculum

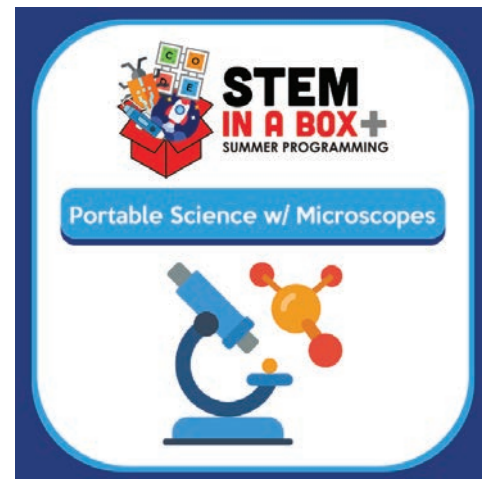
Portable Science with Microscopes for K-2

TTE-3012-K2 - \$3,599

- 5 Full Days of Programming & Tools
- Explore the world around you on a microscopic level!

TOOLS INCLUDE:

UHandy Duet Mobile Microscope
Osmo Pizza Co. & Base
Marbotic Smart Kit
Octagon AR Animal & Dinosaur Flashcards
Snap Circuits Jr. SC 100
Scottie Go! BASIC Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Curiscope Virtuali-Tee
Printed Curriculum





STEM
IN A BOX+
AFTERSCHOOL

3rd-5th Full Year Curriculum



STEM in a Box Full Year Curriculum for 3rd-5th

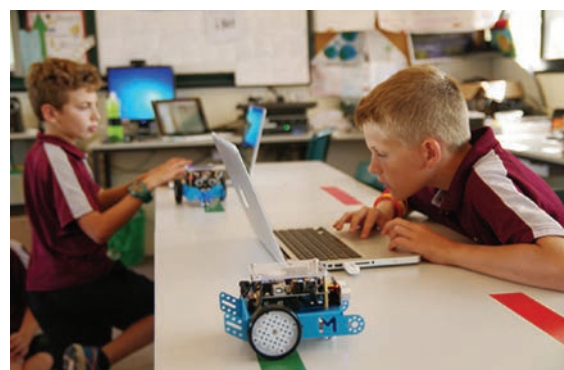
SIB-TTE-3001-35 - \$4,999

- 30+ Weeks of Unique STEM Lessons
- 60+ instructional minutes per week
- Age appropriate STEM tools that cover:
 - Coding
 - Engineer & Design
 - Connected Learning & Augmented Reality
 - Digital Storytelling
 - Circuitry
 - Robotics
- Customizable Options
- Optional Tool Q&A Session

TOOLS INCLUDE

TOOLS INCLUDE:

- Brown Dog Gadgets Paper Circuits Kit
- Snap Circuits Jr. SC 100
- Sparkables Design Process Inspiration Cards
- Osmo Genius Kit
- Scratch Jr. Cards
- Scratch 3.0 Coding Cards
- Makeblock mBot Robot
- Zu3D Stop Motion Animation Kit
- Tello EDU Programmable Drone
- Makey Makey Invention Kit
- Scottie Go! Coding Game
- Scottie Go! Magnetic Tiles
- Curiscope Virtuali-Tee
- Octagon AR Space, Humanoid, & Animal Flashcards
- Printed Curriculum



STEM in a Box Week Long Curriculum

Art & Design with 3D for 3rd-5th

TTE-3003-35 - \$3,599

- 5 Full Days of Programming & Tools
- Create your own 3D Designs!

TOOLS INCLUDE:

3D Printing Pen
Osmo Genius & Coding Kit
Curiscope Virtuali Tee
Octagon AR Space Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum

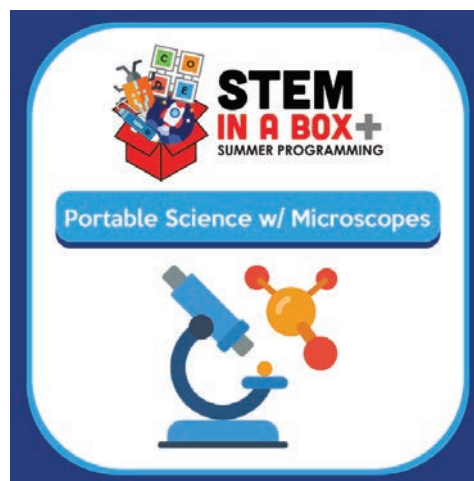
Portable Science with Microscopes for 3rd-5th

TTE-3012-35 - \$3,599

- 5 Full Days of Programming & Tools
- Explore the world around you on a microscopic level!

TOOLS INCLUDE:

UHandy Duet Mobile Microscope
Osmo Genius & Coding Kit
Curiscope Virtuali Tee
Octagon AR Space Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum

Architechtonics & STEM for 3rd-5th

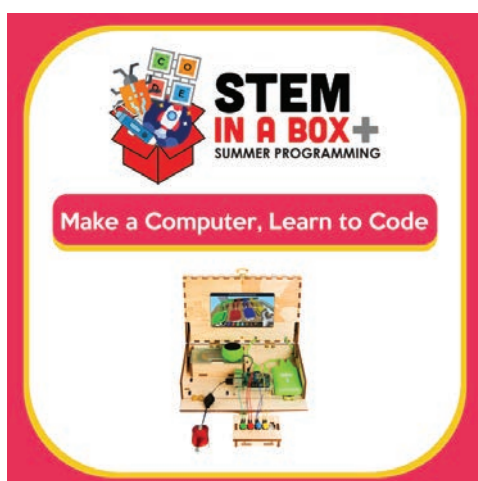
TTE-3010-35 - \$3,599

- 5 Full Days of Programming & Tools
- Learn how engineering and technology inform construction and architecture!

TOOLS INCLUDE:

Greenscape Village Arckit Architectural Model Kit
Osmo Genius & Coding Kit
Curiscope Virtuali Tee
Octagon AR Space Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum





STEM in a Box Week Long Curriculum Make a Computer, Learn to Code for 3rd-5th

TTE-3014-35 - \$6,999

- 5 Full Days of Programming & Tools
- Learn the ins and outs of building and coding your own computer.

TOOLS INCLUDE:

Piper Classroom Bundle
Osmo Genius & Coding Kit
Curiscope Virtuali Tee
Octagon AR Space Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



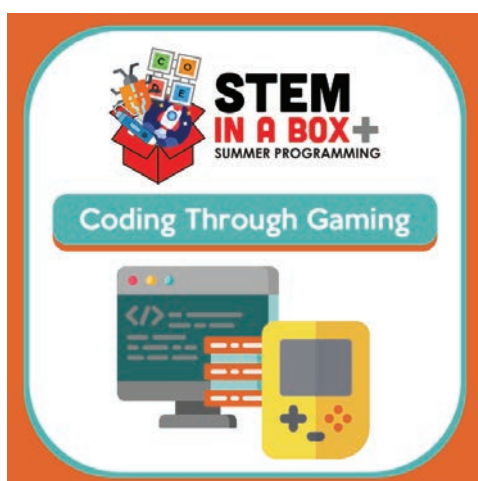
STEM in a Box Week Long Curriculum Drones & Flight for 3rd-5th

TTE-3013-35 - \$3,999

- 5 Full Days of Programming & Tools
- Take flight into the future of flying!

TOOLS INCLUDE:

Tello EDU Programmable Drone
Power Up 2.0 Paper Airplanes
Osmo Genius & Coding Kit
Curiscope Virtuali Tee
Octagon AR Space & History of Aircraft Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum Coding Through Gaming for 3rd-5th

TTE-3015-35 - \$2,999

- 5 Full Days of Programming & Tools
- Coding made easy and fun!

TOOLS INCLUDE:

ThinkFun Code Master Coding Game
Scottie Go! EDU Coding Game & Magnetic Tiles
Osmo Genius & Coding Kit
Curiscope Virtuali Tee
Octagon AR Space Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum

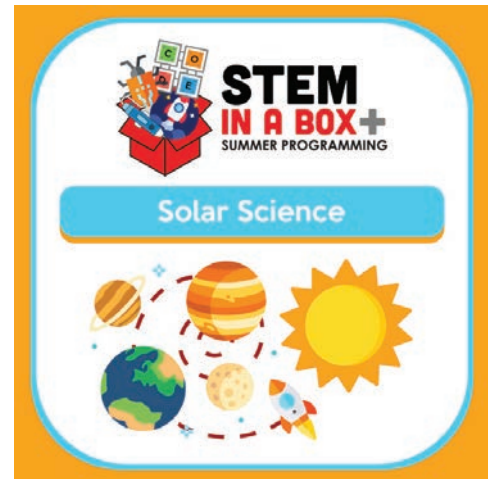
STEM in a Box Week Long Curriculum
Solar Science for 3rd-5th

TTE-3007-35 - \$3,599

- 5 Full Days of Programming & Tools
- Learn about solar power and how we harness the sun's tremendous energy.

TOOLS INCLUDE:

Brown Dog Solar Science Station
 Brown Dog Solar Bugs
 Osmo Genius & Coding Kit
 Curiscope Virtuali Tee
 Octagon AR Space Flashcards
 Brown Dog Gadgets Paper Circuitry Kit
 Scottie Go! Coding Game & Magnetic Tiles
 Sparkables Design Process Cards
 Zu3D Animation Class Pack
 Skillastics Activity Kit
 Printed Curriculum



STEM in a Box Week Long Curriculum
Super STEM Cyber Spy for 3rd-5th

TTE-3008-35 - \$2,999

- 5 Full Days of Programming & Tools
- Learn about tools real spies use to solve crimes. Be a detective with robotic and coding tools!

TOOLS INCLUDE:

ThinkFun Hacker Cybersecurity Game
 Osmo Genius & Coding Kit
 Curiscope Virtuali Tee
 Octagon AR Space Flashcards
 Brown Dog Gadgets Paper Circuitry Kit
 Scottie Go! Coding Game & Magnetic Tiles
 Sparkables Design Process Cards
 Zu3D Animation Class Pack
 Skillastics Activity Kit
 Printed Curriculum



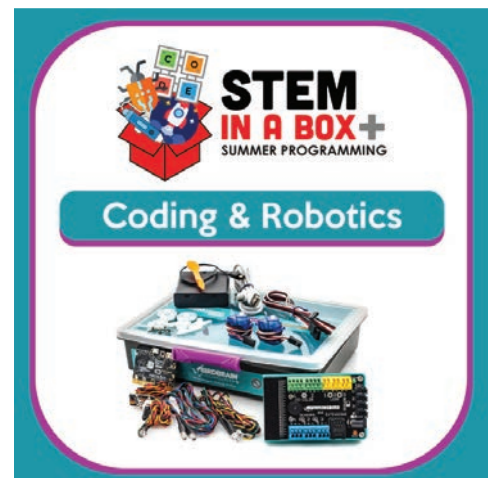
STEM in a Box Week Long Curriculum
Create & Code Your Own Robot for 3rd-5th

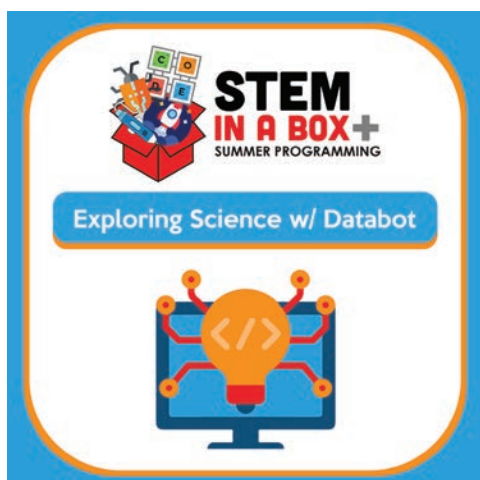
TTE-3004-35 - \$4,599

- 5 Full Days of Programming & Tools
- Create and program your own original working robot!

TOOLS INCLUDE:

Hummingbird Bit with Micro:bit
 Osmo Genius & Coding Kit
 Curiscope Virtuali Tee
 Octagon AR Space Flashcards
 Brown Dog Gadgets Paper Circuitry Kit
 Scottie Go! Coding Game & Magnetic Tiles
 Sparkables Design Process Cards
 Zu3D Animation Class Pack
 Skillastics Activity Kit
 Printed Curriculum





STEM in a Box Week Long Curriculum

Exploring Science with Databot

TTE-3016-35 - \$5,999

- 5 Full Days of Programming & Tools
- Learn the ins and outs of building and coding your own computer.

TOOLS INCLUDE:

Databot
 Osmo Genius & Coding Kit
 Curiscope Virtuali Tee
 Octagon AR Space Flashcards
 Brown Dog Gadgets Paper Circuitry Kit
 Scottie Go! Coding Game & Magnetic Tiles
 Sparkables Design Process Cards
 Zu3D Animation Class Pack
 Skillastics Activity Kit
 Printed Curriculum



**STEM
IN A BOX+**
AFTERSCHOOL

6th-8th Full Year Curriculum



STEM in a Box Full Year Curriculum for 6th-8th

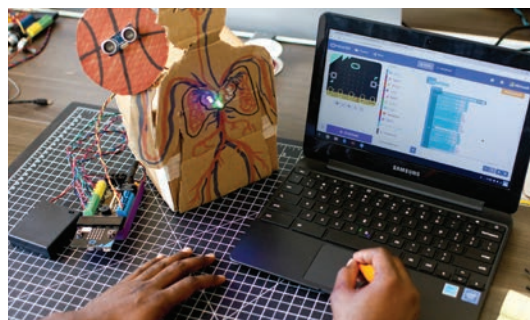
SIB-TTE-3001-68 - \$4,999

- 30+ Weeks of Unique STEM Lessons
- 60+ instructional minutes per week
- Age appropriate STEM tools that cover:
 - Coding
 - Engineer & Design
 - Connected Learning & Augmented Reality
 - Digital Storytelling
 - Circuitry
 - Robotics
- Customizable Options
- Optional Tool Q&A Session

TOOLS INCLUDE

TOOLS INCLUDE:

- ThinkFun Circuit Maze
- Sparkables Design Process Inspiration Cards
- Osmo Coding Starter Kit
- Osmo Genius Kit
- Makey Makey Invention Kit
- Makeblock Ranger Robot
- Zu3D Stop Motion Animation Kit
- Tello EDU Programmable Drone
- Brown Dog Gadgets Paper Circuits Kit
- Scratch 3.0 Coding Cards
- Python Coding Cards
- Curiscope Virtuali-Tee
- Octagon AR Space, Animal, History of Aircrafts, & Humanoid Flashcards
- Scottie Go! EDU Coding Game
- Scottie Go! Magnetic Tiles
- Printed Curriculum





STEM in a Box Week Long Curriculum Make a Computer, Learn to Code for 6th-8th

TTE-3014-68 - \$6,999

- 5 Full Days of Programming & Tools
- Learn the ins and outs of building and coding your own computer.

TOOLS INCLUDE:

Piper Classroom Bundle
Osmo Coding Kit
Curiscope Virtuali Tee
Octagon AR History of Aircraft & Humanoid 4D Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! EDU Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



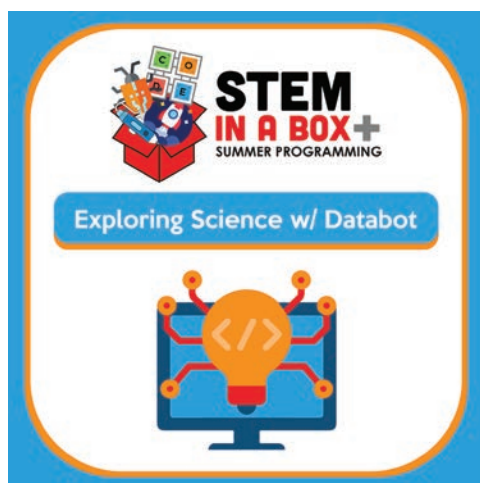
STEM in a Box Week Long Curriculum Drones & Flight for 6th-8th

TTE-3013-68 - \$3,999

- 5 Full Days of Programming & Tools
- Take flight into the future of flying!

TOOLS INCLUDE:

Tello EDU Programmable Drone
Power Up 2.0 Paper Airplanes
Osmo Coding Kit
Curiscope Virtuali Tee
Octagon AR History of Aircraft & Humanoid 4D Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! EDU Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum Exploring Science with Databot

TTE-3016-68 - \$5,999

- 5 Full Days of Programming & Tools
- Learn the ins and outs of building and coding your own computer.

TOOLS INCLUDE:

Databot
Osmo Coding Kit
Curiscope Virtuali Tee
Octagon AR History of Aircraft & Humanoid 4D Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! EDU Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum

STEM in a Box Week Long Curriculum

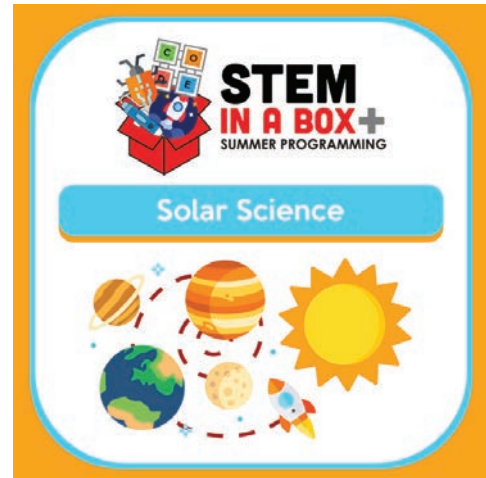
Solar Science for 6th-8th

TTE-3007-68 - \$3,599

- 5 Full Days of Programming & Tools
- Learn about solar power and how we harness the sun's tremendous energy.

TOOLS INCLUDE:

Brown Dog Solar Science Station
Brown Dog Solar Bugs
Osmo Coding Kit
Curiscope Virtuali Tee
Octagon AR History of Aircraft & Humanoid 4D Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! EDU Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum

Super STEM Cyber Spy for 6th-8th

TTE-3008-68 - \$2,999

- 5 Full Days of Programming & Tools
- Learn about tools real spies use to solve crimes. Be a detective with robotic and coding tools!

TOOLS INCLUDE:

ThinkFun Hacker Cybersecurity Game
Osmo Coding Kit
Curiscope Virtuali Tee
Octagon AR History of Aircraft & Humanoid 4D Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! EDU Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum



STEM in a Box Week Long Curriculum

Architechtonics & STEM for 6th-8th

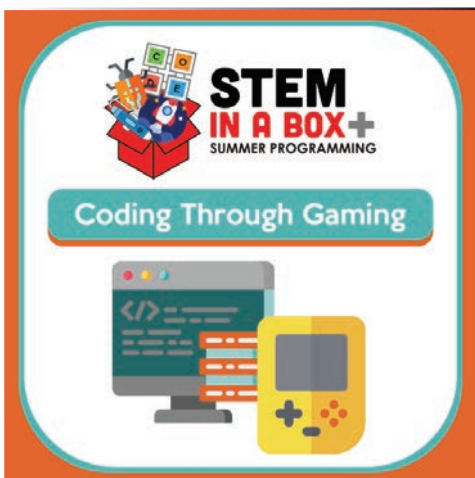
TTE-3010-68 - \$3,599

- 5 Full Days of Programming & Tools
- Learn how engineering and technology inform construction and architecture!

TOOLS INCLUDE:

Go Eco Arckit Architectural Model Kit
Osmo Coding Kit
Curiscope Virtuali Tee
Octagon AR History of Aircraft & Humanoid 4D Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! EDU Coding Game & Magnetic Tiles
Sparkables Design Process Cards
Zu3D Animation Class Pack
Skillastics Activity Kit
Printed Curriculum





STEM in a Box Week Long Curriculum

Coding Through Gaming for 6th-8th

TTE-3015-68 - \$2,999

- 5 Full Days of Programming & Tools
- Coding made easy and fun!

TOOLS INCLUDE:

ThinkFun Code Master Coding Game
 Scottie Go! EDU Coding Game & Magnetic Tiles
 Osmo Coding Kit
 Curiscope Virtuali Tee
 Octagon AR History of Aircraft & Humanoid 4D Flashcards
 Brown Dog Gadgets Paper Circuitry Kit
 Sparkables Design Process Cards
 Zu3D Animation Class Pack
 Skillastics Activity Kit
 Printed Curriculum



STEM in a Box Week Long Curriculum

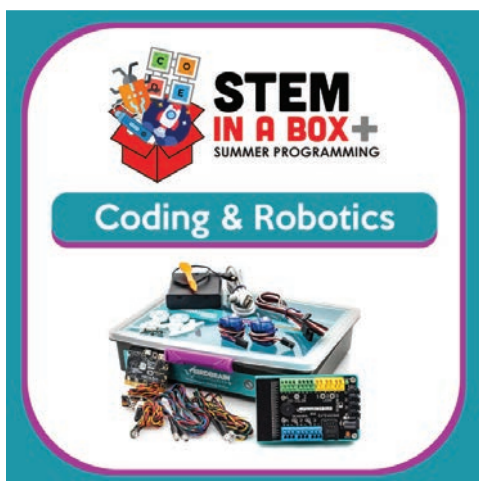
Art & Design with 3D for 6th-8th

TTE-3003-68 - \$4,299

- 5 Full Days of Programming & Tools
- Create your own 3D Designs!

TOOLS INCLUDE:

3D Printing Pen
 Osmo Coding Kit
 Curiscope Virtuali Tee
 Octagon AR History of Aircraft & Humanoid 4D Flashcards
 Brown Dog Gadgets Paper Circuitry Kit
 Scottie Go! EDU Coding Game & Magnetic Tiles
 Sparkables Design Process Cards
 Zu3D Animation Class Pack
 Skillastics Activity Kit
 Printed Curriculum



STEM in a Box Week Long Curriculum

Create & Code Your Own Robot for 6th-8th

TTE-3004-68 - \$4,599

- 5 Full Days of Programming & Tools
- Create and program your own original working robot!

TOOLS INCLUDE:

Hummingbird Bit with Micro:bit
 Osmo Coding Awbie
 Osmo Coding Jam
 Curiscope Virtuali Tee
 Octagon AR Humanoid Flashcards
 Brown Dog Gadgets Paper Circuitry Kit
 Scottie Go! EDU Coding Game
 Sparkables Design Process Cards
 Zu3D Animation Class Pack
 Printed Curriculum

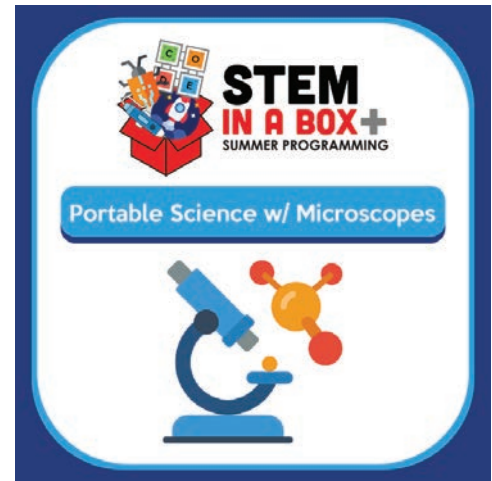
STEM in a Box Week Long Curriculum
Portable Science with Microscopes for 6th-8th

TTE-3012-68 - \$3,599

- 5 Full Days of Programming & Tools
- Explore the world around you on a microscopic level!

TOOLS INCLUDE:

UHandy Duet Mobile Microscope
Osmo Genius Kit
Curiscope Virtuali Tee
Octagon AR Space Flashcards
Brown Dog Gadgets Paper Circuitry Kit
Scottie Go! EDU Coding Game
Sparkables Design Process Cards
Zu3D Animation Class Pack
Printed Curriculum





COPERNICUS ORIGINAL TECH TUB® BASE MODEL

SKU: CEP-1002 - \$82.00

- Storage tub and lid
- Easy-access storage for device adapters and power strip
- Securely store Makerspace materials
- Padlock and power strips sold separately

Recommended Use: 6 Devices Per Tub

Specifications: 16"(41cm) H x 12 1/2"(32cm) W x 16"(41cm) D

Educational Tags: K-2nd, 3rd-5th, 6th-8th, 9th-12th



COPERNICUS TECH TUB2®

SKU: CEP-1001 - \$364.00

- Holds 6 iPads, Chromebooks, tablets, or drones
- Improved Easy-access storage tray for device adapters and power strip
- Adjustable shelves accommodate devices with and without cases
- Made from durable high impact ABS plastic
- Ventilation holes throughout to prevent heat build-up
- 3-point lock with 2 keys
- Mounting hardware to secure tub to a surface
- Internal 6 outlet power strip with surge protection

Recommended Use: 6 Devices Per Tub

Specifications: 13" (33 cm) H x 12 1/2" (32 cm) W x 16 1/4" (41 cm) D

Educational Tags: K-2nd, 3rd-5th, 6th-8th, 9th-12th



COPERNICUS STEM STORAGE CART

SKU: CEP-1003 - \$375.00

- Sturdy frame that can hold up to 90lbs
- 3 Large Divided Tubs
- 6 Large Open Tubs
- 9 See-through plastic snap-on lid with a hinge
- 2" locking casters
- Holds up to 90lbs
- Tubs can be removed from the cart and taken to where groups of students are working

Recommended Use: 6 Devices Per Tub

Specifications: Frame Measures 36 1/2"(91cm) H x 40 1/2"(104cm) W x 15 3/4"(41cm) D, Tubs Measure 6"(15cm) H x 12 1/2" (32cm) W x 15 3/4"(40cm) D

Educational Tags: K-2nd, 3rd-5th, 6th-8th, 9th-12th





PAPER CIRCUITS CLASSROOM SET

SKU: BRO-1001 - \$100.00

- Nylon fibers combined with conductive materials result in an amazingly strong and highly conductive tape
- Includes enough parts for at least 40 projects
- Maker Tape is specially designed to be Z Axis Conductive for much easier project creation
- Batteries included

Recommended Use: Additional Projects for STEM in a Box®

Educational Tags: Art, Circuitry, 3rd-5th, 6th-8th, 9th-12th



TELLO EDU DRONE MAINTENANCE KIT

SKU: TEL-1007 - \$78.00

- Designed for use with Tello EDU Drone (NOT INCLUDED)
- Extra batteries provide extended flight time
- Additional propellers and guards
- Charging hub accommodates up to three Tello Flight Batteries at the same time
- Charges batteries in sequence according to their voltage levels, from highest to lowest
- Standard Tello Charger only holds one battery
- Includes: 2 x Tello Flight Battery, 1 x Battery Charging Hub (Charges 3 Batteries at once), 2 x Quick Release Propeller Pairs (4 Total), 2 x Pair of Tello EDU Propeller Guards (4 Guards Total)

Required Technology: Tello EDU Drone

Educational Tags: 3rd-5th, 6th-8th, 9th-12th, Coding, Engineering Design, Robotics, Science



Not seeing what you're looking for?
Let us help you!



**We offer customizable options to fit your every
need - *we're here for you.***

TechTerra Education takes pride in offering the educational community the best STEM tools available. Individual tools in our STEM in a Box are subject to change.

CONTACT US



ONLINE

Visit our website
www.techterraeducation.com
for in depth information about
our products, training, and
curriculum.



TRAINING

Need help? Contact us about our
professional development
opportunities. Our company was
created by educators for educators,
and we stand by our promise.



CALL OR TEXT

Call or text us! Your questions
will be answered quickly and
knowledgeably by one of our
trained staff.
(919) 519 - 9097



MAIL

Email us anytime!
info@techterraeducation.com
or contact us by mail
5102 Durham Chapel Hill Blvd
Suite 210
Durham, NC 27707