

HAMILTONBUHL®

# STEAM-STEM KITS

## Deluxe STEAM Pack

### STEM-5D

STEM-5D Pack Includes:

- (1) On-Air™ Podcasting Kit (PCAST4)
- (1) AirComfort™ Climate Tracking Device (AIR-ORG)
- (1) Animation Studio Kit (ANI-KIT)
- (10) Edison Educational Robot Kits (EDIBOT-10)
- (6) Edibot-C Expansion Construction Kit (EDIBOT-C)
- (1) Green Screen Studio Kit (GRN-KIT)
- (1) ScoutPro™ Microscope with 4" Built-In Monitor PLUS Specimen Slides (SCTP-S24)
- (4) STEAM Snips Kit (SNIP18)
- (1) Large, Lockable Carry Case



Bring STEAM curriculum to life with HamiltonBuhl's STEM-5D Deluxe STEAM Kit full of engineering and coding robots, podcasting equipment, animation production with lessons, microscopic discoveries and more!

Tomorrow's inventors and problem-solvers are today's students, teaching them a better understanding of STEAM concepts will be essential in preparing them for the careers of tomorrow.

**Many products in this Deluxe STEAM Pack come with FREE downloadable lesson plans.** Aligned to the required standards, the lesson plans include worksheets, teacher's guides, evaluation rubrics and more. What a turn-key and convenient way to expand the STEAM curriculum!

**This is, literally, a solution right out of the box!**

FREE Downloadable Lesson Plans!



Edison Lesson Plans and Teacher's Guides



Animation Studio Kit Lesson Plans

### A World of Discovery!



80 Little Falls Road, Fairfield, NJ 07004  
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sales@hamiltonbuhl.com

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

steam kit

HAMILTONBUHL®

# STEAM-STEM KITS

## Deluxe STEAM Pack

STEM-5E Shipping Weight and Dimensions:

18.6 lbs. / 22" x 16" x 12.1"

STEM-5D

Go to the [STEM-5E](#) listing on [www.HamiltonBuhl.com](http://www.HamiltonBuhl.com) for full specifications on each product.

**IB ANIMATION**  
STUDIO Kit



### ANI-KIT Animation Studio Kit

- Edit and watch animations with included stop-motion software
- 720p HD webcam with bendable gooseneck for optimal positioning and non-slip base
- For Windows or Mac (Intel Mac, OS X version 10.8 to Mojave 10.14.x)
- \*NOT YET AVAILABLE FOR CATALINA OS



**AirComfort™**

### AIR-ORG AirComfort™ Climate Tracking Device

- Track, evaluate, compare, and customize data
- Analyze temperature and humidity changes from day to day, and season to season
- Free app helps track and chart all the data



### EDIBOT-10 Edison Educational Robot Kit

- Includes 10 Edison Robots
- Program Edisons with a number of free software applications and barcodes
- FREE Robotics Education Lesson Plans
- Built to last – Rugged and tough

x6



**Edison**

\*Edison not included

### EDIBOT-C Edison Expansion Construction Kit

- Use the Expansion Kit to make the Tank, Digger, Robo Claw, Crane and Printer.
- Each Lego compatible Edibot-C kit includes: 115 blocks, pegs, gears, and other parts all created to interlock together and onto the Edison robot



**On-Air!**  
PODCAST KIT

### On-Air™ Podcast Kit PCAST4

- (1) USB Omnidirectional/Cardioid Podcasting Microphone with Desktop Stand
- Round Microphone Windscreen/Pop Filter
- Folding Sound Isolation Shield
- Compatible with Windows and Mac

**SCOUT**  
MICROSCOPE™

### SCOUT Digital Microscope™ (SCT18)

- Magnifying to 100x, 200x, 300x, 400x, 500x and 600x best at 1600x1200 resolution monitor
- One-touch snap button for instant image capture as well as video recording and timed shots

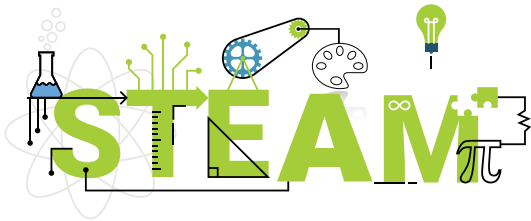


**IB Hamilton Buhl**  
Never-Ending Learning Innovation

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### GRN-KIT Green Screen Production Kit

- Video as news broadcasts, weather forecasts, short reviews, virtual visits to far away places – all against a green screen – easily add any background
- Import images, slides or PDFs; Features split screen and picture-in-picture
- For Windows or Mac (Intel Mac, OS X version 10.8 to Mojave 10.14.x)  
\*NOT YET AVAILABLE FOR CATALINA OS



### SCTP-S24 ScoutPro™ Microscope with 4" Built-In Monitor and Pre-Prepared Slides

- Displays video, images, or live viewing directly on its screen as well as on a PC via a USB connection
- Six pre-prepared slides: 1 each of "Root and Stem", "Leaf and Epidermis", "Pollen and Starch", "Wing and Leg", "Tiny Creature" and "Hair and Fiber"



### RBA18 STEAM Robo-Arm Kit for Arduino - Programmable 4-Axis Robot Arm

- Double-layered, jagged-edged and pointed grippers – to grip and hold objects
- 4 Servos to control four joints allowing movement along 4 axes, MCU Arduino UNO, servo expansion board and remote control board to control, move and program the Robo-Arm; 4 potentiometers



### SNIP18 STEAM SNIPS Kit Electronic Coding and Building Modules

- 70+ Components
- 3 FREE Additional Power Modules
- Helps students learn circuitry, hardware operation and control, software programming and coding, creative thinking and problem solving



### HMC3166 Large Carrying Case

steam kit