

Advanced Skill Level STEAM Starter Pack

STEM-4E

STEM-4E Pack Includes:

- (1) Edison Educational Robot Kit – Set of 2
- (1) HB Invent! Kit – Assembling and Coding Robot
- (1) 3D Magic Pen™ – 3D Printing Pen
- (3) Filament Pack of 15 Vibrant Colors for 3D Magic Pen™
- (1) ChronoQuest™ 3D Interactive Augmented Reality Timeline
- (1) HB LED GrowLight™ Kit
- (1) Animation Studio Kit
- (1) Green Screen Production Kit
- (1) AirComfort™ Climate Tracking Device
- (1) Spectra VIP™ Virtual Reality Goggles



Bring STEAM curriculum to life with HamiltonBuhl's Advanced Skill Level STEAM Starter Pack full of engineering and coding robots, augmented and virtual reality, 3D printing and media production activities!

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. This advanced skill level kit is ideal for all middle and high school grades.

Each product in this STEAM Starter Pack comes 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!

FREE Downloadable
Lesson Plans!



Edison Lesson Plans
and Teacher's Guides



Animation Studio Kit
Lesson Plans



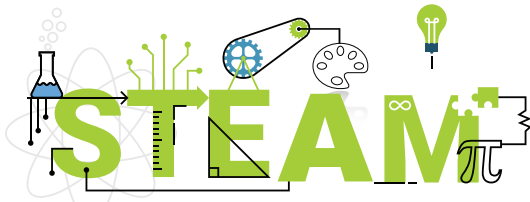
Green Screen Production Kit
Lesson Plans

Advanced Skill Level



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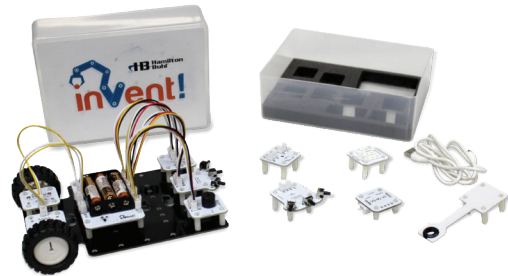
STEM-4E

Go to the [STEM-4E](http://www.HamiltonBuhl.com) listing on www.HamiltonBuhl.com for full specifications on each product.



EDIBOT-2 Edison Educational Robot Kit

- Easy to use – With many pre-programmed functions activated by barcodes
- FREE Robotics Education Lesson Plans
- Built to last – Rugged and tough, can withstand a car driving over it and still function!



INVBOT HB Invent! Kit

- Programmable – free, open source graphical programming software
- Easy to follow coding instructions
- Multiple Lesson Plans and Curriculum Guide



MPEN 3D Magic Pen™

- Easy grip design
- Self-feeding motor to advance filament
- Adjustable feed speed



CQTUBE ChronoQuest™ Augmented Reality Timeline

- Each ChronoQuest tube contains 5 full-length laminated posters, 27" x 10"
- View Augmented Reality (AR) content with FREE app for Android and IOS
- Suitable for all ages – across all grade levels – from grades K-12



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MPFB 3D Magic Pen™ Filament Pack

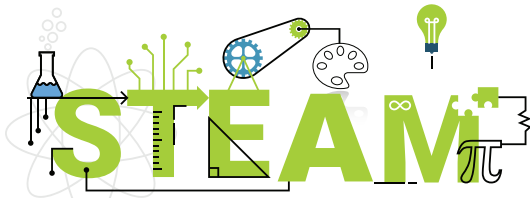
- 10 feet long, 1.75mm thickness
- 15 different colors (white, black, brown, orange, blue, yellow, purple, green, red, gray, pink, light pink, light yellow, light green, light gray)



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

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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



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



SVRG1 Spectra VIP™ Virtual Reality Goggles

- Students will be engaged, captivated and fascinated – transported into a visually stunning and fully immersive Virtual Reality world!
- Complex subjects, theories and concepts become easier
- Students can "join-in" on engineering and building
- Unlimited possibilities for learning and fun



GLITE LED GrowLight™ Indoor Gardening Kit

- Ability to select the wavelength of the light needed for the specific plants during the various growth phases.
- The HamiltonBuhl LED GrowLight Kit allows experimentation at a level not comparable with standard "one spectrum" systems.
- Curriculum guide with numerous STEAM activities to implement in the classroom.

STEM-4E Weights and Shipping Dimensions:

Box 1: 9.4 lbs. / 16" x 14" x 11"

Box 2: 30 lbs. / 30" x 21" x 9"

Box 3: 9 lbs. / 26" x 12" x 8"

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