

## Advanced Skill Level Deluxe STEAM Pack

### STEM-4D

STEM-4D Pack Includes:

- (1) Edison Educational Robot Kit – Set of 10
- (5) HB Invent! Kit – Assembling and Coding Robot
- (1) ChronoQuest™ 3D Interactive Augmented Reality Timeline
- (3) 3D Magic Pen™ – 3D Printing Pen
- (6) Filament Pack of 15 Vibrant Colors for 3D Magic Pen™
- (1) Filament Roll for 3D Magic Pen™, Black, 850 ft.
- (1) Animation Studio Kit
- (1) Green Screen Production Kit
- (2) Spectra VIP™ Virtual Reality Goggles
- (1) Large, Lockable Carry Case



Bring STEAM curriculum to life with HamiltonBuhl's Advanced Skill Level Deluxe STEAM Kit 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 pack is ideal for all middle and high school grades.

**Each product in this Deluxe STEAM 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

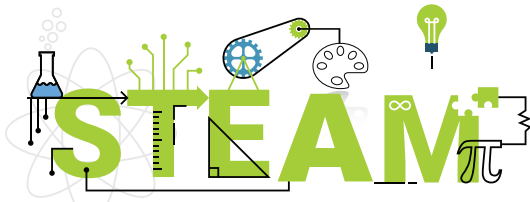


Advanced Skill Level



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STEM-4D

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



### EDIBOT-10 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



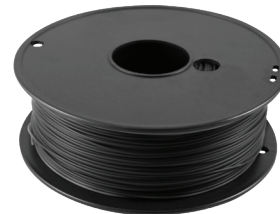
### CQTUBE ChronoQuest™ Augmented Reality Timeline

- 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



### MPFB 3D Magic Pen™ Filament Pack

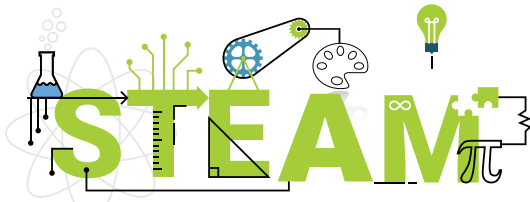
- 10 feet long, 1.75mm thickness
- 15 different colors (white, black, brown, orange, blue, yellow, purple, green, red, gray, pink, light pink, light yellow, light green, light gray)



### MPFBLK 3D Magic Pen™ Filament Roll

- Filament types: PLA
- Filament Diameter: 1.75mm
- Approximately 850 feet long

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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



x2

### 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



### Large, Lockable Carry Case

- Easily transport and store many kit components in one case

#### STEM-4D Weights and Shipping Dimensions:

Box 1: 21.8 lbs. / 22" x 14" x 13"

Box 2: 6.1 lbs. / 16.1" x 12.1" x 9.9"

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