

HAMILTONBUHL®

STEAM-STEM KITS

Creators Deluxe STEAM/STEM Kit

STEAM-1D



steam/steam kit

The HamiltonBuhl® Creators Deluxe STEAM/STEM Kit is designed to keep students engaged and learning. From creating a green screen broadcast to making video using stop-motion animation, and from creating in 3D using the 3Doodler® set of pens (with free lessons) to learning photography using the full-feature video camera plus learning to use the octopus tripod, this kit is loaded with great ways to learn! Plus, you get 5 licenses for VR Quest®, the amazing, virtual reality game-building platform where students build from imagination and re-create historic places, characters, environments and events, connecting a world of the past with the present, while developing present day skills and competencies.

Students can collaborate to create stop-motion animations, write a script and use a green screen to broadcast a show, news or weather, and use any background from anywhere in the world, add captions to the teleprompter, draw in 3D with the 3Doodler®, learn to shoot great photos and videos with the VividPro™ Camera and Octopus Tripod, and maximize student creative ability with VR Quest®. These are all great tools for in-class collaboration that will bring STEAM/STEM learning to life. STEAM-1D is an invaluable turnkey solutions kit – worthy of any classroom – and every student.



The STEAM-1D Kit Includes:

- (1) GRN-KIT
- (1) ANI-KIT
- (1) 8SPSHALFED

HB Green Screen Production Kit™ "I Can Present" software with Webcam
 "I Can Animate" Stop-Motion Animation Kit™ with Webcam

This 3Doodler® Starter Pack Contains:

(1) Teacher's Kit: Includes Teacher's Checklist, 3Doodler Poster, Welcome Note, Cheat Sheet, (2) Lesson Plans, Manual, EDU Booklet, Start Activity Guide, DoodleBlock™ Guide, (2) Unblocking Tools, Troubleshooting Guide

(2) Student Kits: Each Includes (3) 3Doodler® Start 3D pens, (3) Micro-USB Charging Cables, (6) DoodleBlocks™, (3) Start DoodlePads™, Plastic Kit with 600 strands of 3Doodler® Start Plastic Filaments

- (1) CAM17SV
- (1) TPOD18
- (5) VRQ-IND
- (1) LCB

VividPro™ 18MP, 8x Zoom Lens Digital Camera
 Octopus Flexible Mini-Tripod Camera Stand
 VR Quest® Game-Building Virtual Reality Software (5 licenses)
 Durable, Laminated Storage/Carry Box

For detailed descriptions of each component, please refer to Side 2.

Shipping Box One: 13 Lbs.; 21" x 16" x 8"
 Shipping Box Two: 7 Lbs.; 14" x 8" x 8"



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STEAM-1D

Green Screen. Production Kit



(1) Green Screen Production Kit (GRN-KIT)

The HB Green Screen Production Kit includes everything a student, a classroom or a school would need to create engaging and professional looking broadcasts, presentations and short movies. Utilize this highly saturated green screen with any scene or background. Become an anchorperson in front of a weather map! Includes (1) USB Webcam and (1) "I Can Present" software license with loads of features! Each kit includes:

- (1) "I Can Present" Software
- (1) 9' x 60" Green Screen Backdrop
- (1) 720p HD Webcam

ANIMATION STUDIO Kit



(1) HB Animation Studio Kit (ANI-KIT)

The simple and easy to use "I Can Animate" software has an intuitive interface with stunningly powerful features that will have your students creating stop-motion animations in no time! The Animation Studio Kit™ includes (1) 720p HD gooseneck webcam with non-slip base, and (1) "I Can Animate" Stop-Motion Animation software license. Import audio, still photos and video images too! Each kit includes:

- (1) "I Can Animate" Software
- (1) 720p HD Webcam

"I Can Animate" Software and System Requirements:

- Windows PC Users: Windows XP, Vista, 7,8 or 10, Microsoft .Net Framework 4 (available as a free download from the Microsoft website). Graphics card recommended and should support DirectX 9 Shader Model 2.0
- Mac Users: Intel Mac, OS X version 10.8 to Mojave 10.14.x (NOT AVAILABLE FOR CATALINA OS), 1.5GB RAM (2GB RAM recommended), 2GHz CPU, 100MB HD space. NOTE: Jan-2020 Update - We are working as quickly and diligently as possible to ensure we have an upgraded version for the newly released Catalina (MAC OS 10.15) in as short a time as possible.

3Doodler



3Doodler® (8SPSHALFED) Including: (2) Student Kits (each with 3 pens) and (1) Teacher's Kit

The 3Doodler® Kits are a turnkey way for students to get creating in 3D. Make your own template to erect or follow the guides included in the Kits. What a great way to learn and have fun, too!

Each 3Doodler® Starter Pack contains:

- (1) **Teacher's Kit:** Includes Teacher's checklist, 3Doodler poster, Welcome Note, Cheat Sheet, (2) Lesson Plans, Manual, EDU Booklet, Start Activity Guide, DoodleBlock™ Guide, (2) Unblocking Tools, Troubleshooting Guide
- (2) **Student Kits:** Each Includes (3) 3Doodler® Start 3D pens, (3) Micro-USB Charging Cables, (6) DoodleBlocks™, (3) Start DoodlePads™, Plastic Kit with 600 strands of 3Doodler® Start Plastic Filaments

VividPro™ Digital Camera



(1) VividPro™ 18MP, 8x Zoom Lens Digital Camera (CAM17SV)

This compact, easy-to-use VividPro™ 18 megapixel, 8x zoom digital camera with a 2.7" preview screen includes features such as auto-flash, auto-focus, scene options, red eye reduction, image stabilization, and a self-timer all to make capturing great photos easy, while helping your subjects look their best.



(1) HB Octopus Flexible Mini-Tripod Camera Stand (TPOD18)

This flexible, highly durable mini-tripod camera stand bends and flexes into any position! With 360° rotation capability, it is the ideal choice and accommodates most cameras, including all by HamiltonBuhl® including VividPro™. Comes with easy-slide adapters for camera and smartphone.

VR QUEST™ Build, Play, Learn!



(5) VR Quest® Virtual Reality Game-Building Platform Licenses (VRQ-IND)

VR Quest® is the ground-breaking, fully-immersive, virtual reality game-building platform where students build from imagination and re-create historic places, characters, environments and events, connecting a world of the past with the present, while developing present day skills and competencies.

VR Quest® comes preloaded with an enormous selection of lesson-focused game templates, which students can choose to use for their project, or, create their own experience from scratch. VR Quest® meets STEAM curriculum outcomes with 36 aligned curriculum units for 4th through 12th grade in Science, Math, Social Studies, and English. This content is perfect for students in regular day school, afterschool classes and technology-based summer camp programs.