

The Maker Hub Presents the 7th Annual **MAKER TAKEOVER**



Ice Cream

Enjoy ice cream made by Elon Dining



Escape Room*

Play a Elon made escape room: Escape Wonderland



Cyanotype Print*

Use the power of the sun to create a photographic print



Projects

Explore student projects all around Maker Takeover!



Earn a Custom T-Shirt!

Collect 5 stamps to make a custom t-shirt
Available while supplies last

Visit activities with a * to earn stamps in the spaces below

Wed. April 29th
4:30 - 6:30 P.M.
Moseley Center



Open to see more activities and projects



MORE TO DO!

See a map on the last page!

LEARN!
Maker Hub History



MAKE!
Felt Flags



GRAB!
Free Stickers



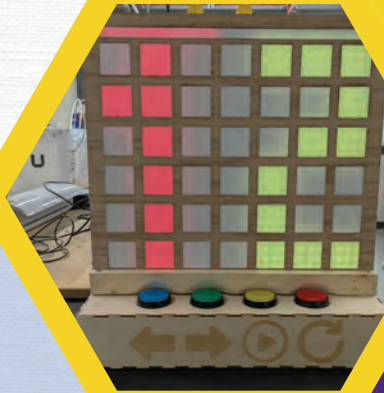
FIND!
3D Printed Pokemon



MAKE!
Buttons



PLAY!
AI-Connect 4



PLAY!
Retro Games



MAKE!
Custom Frames



KICKBOX

Students spent the spring semester making progress on an idea, with support and funding from the Maker Hub.

SEE MORE


See videos, photos and learn more about each Kickbox project on the Maker Hub's website.




Truck Bed Projector Screen
Preston Burnside
Major: Computer and Mechanical Engineering
Sponsor: Kyle Altmann, Physics
A tailgate-mounted projector screen that folds up to fit in the back of his truck.



Chess Board and Clock
Tyler Mastrangelo
Major: Computer Science
Sponsor: Brendan Haggerty, Computer Science
Handcrafted wooden chess board and digital chess clock.



Articulated Wings
Meghan Carraher
Major: Engineering
Sponsor: Jonathan Su, Engineering
Human-sized mechanical wings that can flap.



NexG8
Nijaywana Gadson
Major: Doctorate of Physical Therapy
Sponsor: Dorriea Murphy, Physical Therapy Ed.
Assistive mobility device to improve comfort and stability during recovery.



Froggy Stickers–Digital Age
Carina Kaplan, Daniel Romero, Richard Montano
Majors: Strat Comm, Comp Sci, Comp Sci
Sponsor: Amber Moser, Communications
Building on previous physical stickers with digital stickers for Apple devices.




Homemade EEG Headset
Sebastian Zucker-Malone
Major: Computer Science
Sponsor: Pratheep Paranthaman, Comp Sci
8-channel EEG headset to offer affordable alternative to commercial systems.



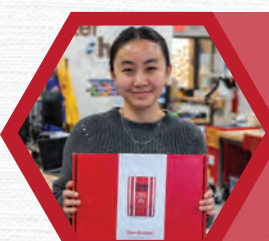
LiDAR Feedback Belt
Joseph Lavella
Major: Computer Science and Data Analytics
Sponsor: Ryan Mattfeld, Computer Science
Wearable tech to detect objects, translating them to vibration feedback.



Phoenix Rising
Cassidy Parrish
Major: Engineering
Motorized phoenix wings that can open and close through remote operation.



3D Printed Drone
Rebecca Troy
Major: Engineering
Sponsor: Kyle Altmann, Physics
Functional drone with topologically optimized frame for performance.



Haptic Feedback Harness
Amalie Keefe
Major: Engineering
Sponsor: Blake Hament, Engineering
Feedback-enabled harness for a robotic “seeing eye” dog.



Stereo Speakers for TV
Eddie Fermanian
Major: Theatrical Design and Technology
Sponsor: Jeremy Hohertz, Physics
2-way stereo speakers to enhance sound output of his TV.



Handcrafted Hanfu
Helena Hanzal Childress
Major: International Business
Sponsor: Scott Oaks, Management
Handmade Hanfu derived from traditional forms, adapting patterns, and sewing.



STUDENT PROJECTS

Showcasing the range of creativity and talent across Elon's maker community.



Tie of Protection

David Stacy
Marketing



Cayden Tirak
Astrophysics
Layered Wall Decor



Checker Cutting Board
Eliza Gregory
Theatrical Design
Technology



Dartboard Cabinet

Gage DeMarco
Biology &
Public Health



Michael Fath
Political Science
& Economics
Shelf for TV



The Light
Alexandra
Histor



Film Slide Light

Addie Whitaker
Environmental
Studies



Corinne Pavel
Environmental &
Ecological Science
Grad Cords for MH Staff



Benji's Board
Benji Altmann
International Busin
& Computer Scienc



Life Size 3D Prints

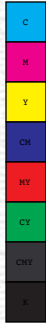
Justin Huemmer
Art History



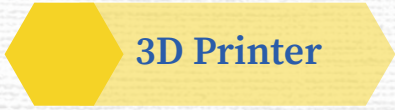
Regan Zuchlewski
Mathematics
Layered Landscape



Sofie Crabbe
Comm Design
Teabag Lantern



KEY



Maker Cutting Board
Eliza Gregory
Theatrical Design & Technology



Camille Cochran
Strat Comm
Kiwi Sweater



Benji's Boards
Benji Altmann
International Business
Computer Science



Sofie Crabbe
Comm Design
Leabag Lantern



Lamp Village
Rory Crisfulla
Economics



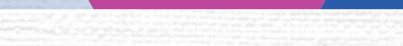
Owen Crider
Cinema & TV Arts
Hobbits' Capes



Woven Stool
Ella Morgan
Entrepreneurship



Regan Zuchlewski
Mathematics
Farkle Dice Arena



Shark Jacket
Jose Besednjak Izquierdo
Computer Science

Jenny Agostini
Finance & Accounting
KOBC Cross-Stitch

Charcuterie Board
Benjamin Charney
Finance

Joshua Kaminsky
Computer Science
Elon Sliding Puzzle



STUDENT PROJECTS

Showcasing the range of creativity and talent across Elon's maker community.



Jewel Skirt
Aniyah Gordon
Strat Comm



Andrew Fiorenza
Project Management
Textured Painting



Woodturning It
Nim Batchelor
Maker Mentor



Glass Wind Chimes
Casey Metcalf
Environmental &
Ecological Science



Alexa Jimeno
Public Policy &
Strat Comm
Maryland Flag



Stained Glass
Julia Ed
Exercise Science



Dreamscape Tapestry
Maggie Dion
Engineering



Finn Wilkinson
Cinema & TV Arts
Witch of West Africa



Breadbox
Arthur Shea
Project Management



Bell Centerpieces
Olivia Jordan,
Sammy Moberg
Psychology,
Astrophysics



Annika Benander
Acting
Tree Frogs



**Student Made
Video Game
Onslaught**
Gavin Collins,
Owen Crider,
Noah Gartenberg,
Saffie Hollingsworth,
Logan Wells,
Madison Williams
Game Design



KEY



Turning Items
 Nim Batchelor
 Maker Mentor



Jewelry Collection
 Georgia Vaughn
 English Literature



American Flag Quilt
 Payton Brinn
 Marketing & Business Analytics



Botanical Stamps
 Kalen Morrison
 Biology



Arctos Robotic Arm
 Diego Hernandez
 Engineering



Stained Glass Frame
 Becca Miller
 Psychology



Glass Light
 Mia Edler
 Life Science



Mahjong Tile Set
 Ryleigh Rouse
 Art History & Religious Studies



Crochet Blanket
 Adz Perez
 Outdoor Leadership and Education



M.O.O
 Jacob Karty
 Engineering



Breadbox
 Arthur Shea
 Project Management



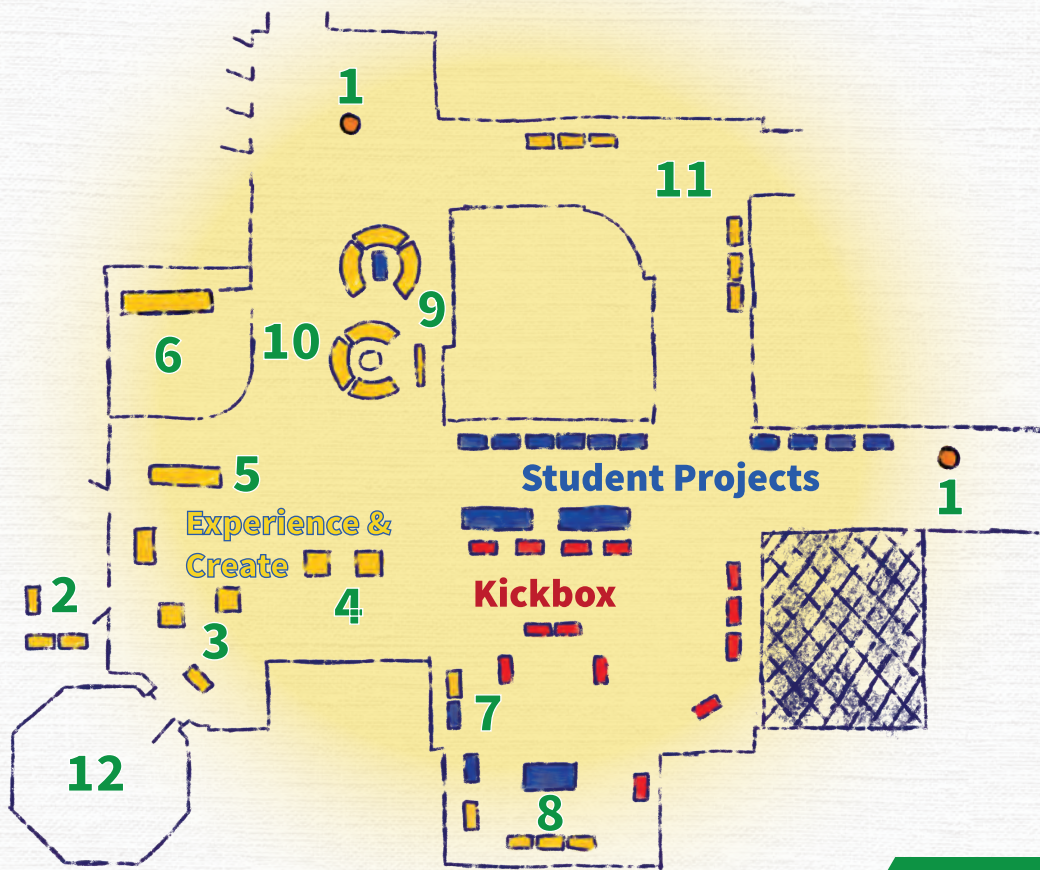
Student Made Video Game: Onslaught
 Gavin Collins,
 Owen Crider,
 Noah Gartenberg,
 Offie Hollingsworth,
 Logan Wells,
 Madison Williams
 Game Design



Escape Room
 Thanks to the following makers for their work on this years escape room-Escape Wonderland

Kyle Altmann Physics	Cayden Tirak Astrophysics	Cassidy Parrish Engineering
Nim Batchelor Maker Mentor	Michael Fath Poli Sci & Economics	Justin Huemmer Art History

MAP



KEY

1. Check in*
2. Cyanotype prints outside*
3. Photo frames*
4. Felt flags*
5. Buttons*
6. Ice cream
7. Connect 4
8. 3D print demo
9. Video games
10. Maker Hub history
11. T-shirts
12. Escape room*

Special Thanks

A very special thank you to our Maker Hub Team Leads. Their leadership, creativity and hard work make Maker Takeover possible.

Annie Thyfault
TL of Orientations

Whitney Webster
TL of Comm

Andrew Fiorenza
TL of Tools

Ella Morgan
TL of Operations

Avery Shipp
TL of Workshops

Amalie Keefe
TL of Development

Addie Whitaker
TL of Workshops
in training

Brayden Morrison
TL of Orientations
in training

Ashton Franiak
TL of Tools
in training

Lily Donoway
TL of Operations
in training

Joshua Trubinsky
TL of Development
in training

Also, thanks to Finn Wilkinson and Adelina Perez (Adz) for emceeing the event.

Tap in for Giveaways

Visit the Tap-In station to enter a giveaway drawing. Winners will be notified via email.

About the Maker Hub

The Maker Hub is a place with tools, supplies and people to help you explore ideas, learn how things work and make stuff. Free and open to all valid Phoenix card holders

Learn more at www.elon.edu/makerhub
Or on Instagram @elonmakers

The Maker Hub community and staff would like to thank Dan Reis, Assistant Director of Creative Learning Technologies, for his passion and dedication to the Maker Hub, its workers and makers.

Ann Thy

