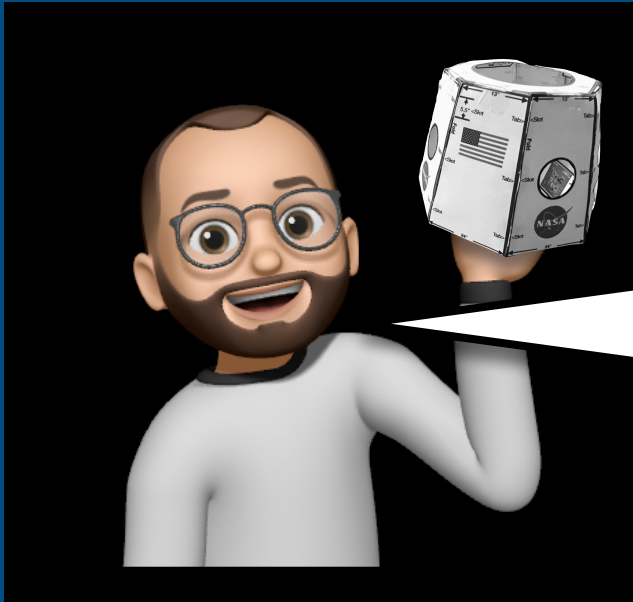# Space Capsule Learning Pod

Kevin Honeycutt

Classroom construction project! Try coupling this with the fun science extensions by my friends and I included in this document!

HoneyFunnCreations2023

Are you ready to build a cool space capsule?

Ready to build a space capsule?

I love space!

Scan this QR code to get your hands on this engaging package your kids will love!
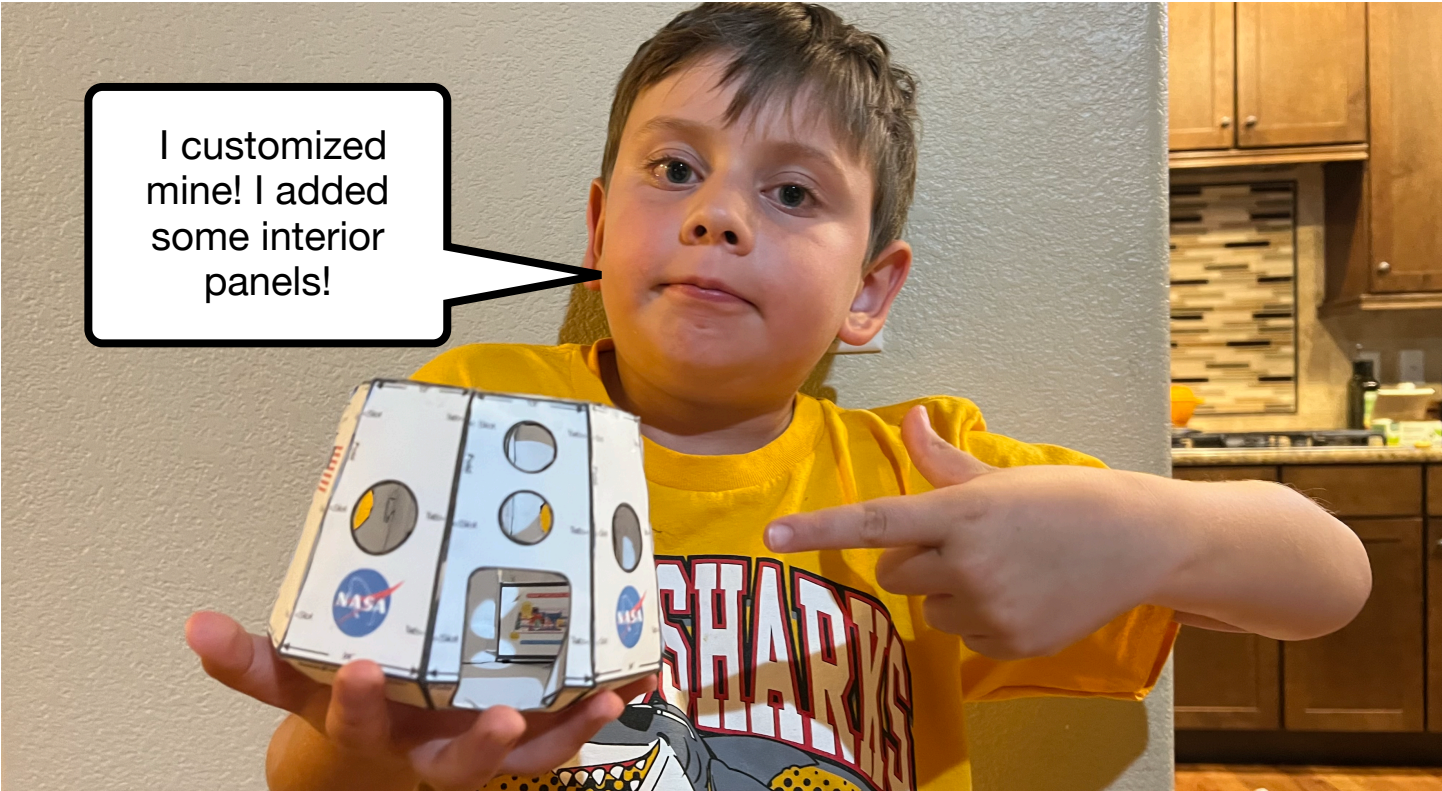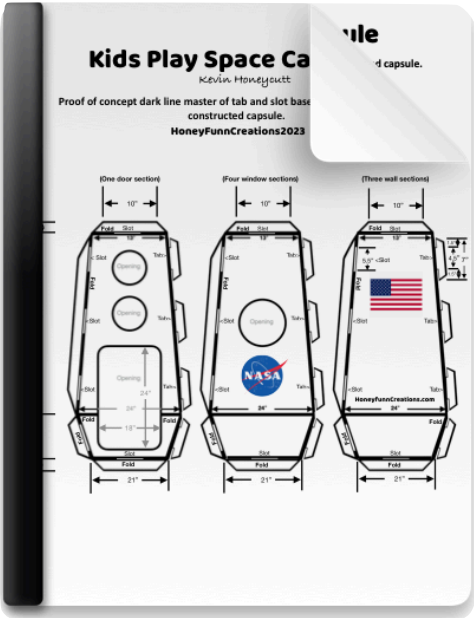
Space Capsule Learning Pod

Kevin Honeycutt

(Supply list!)

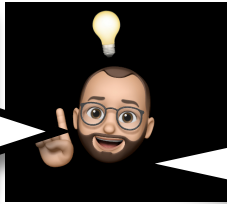## 1. This PDF   2. Scissors   3. Time
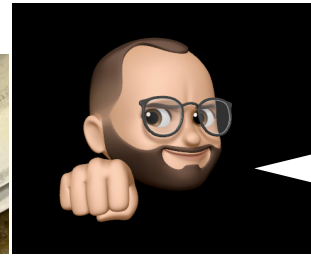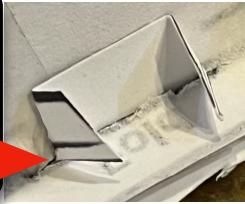
Space Capsule Learning Pod

Kevin Honeycutt

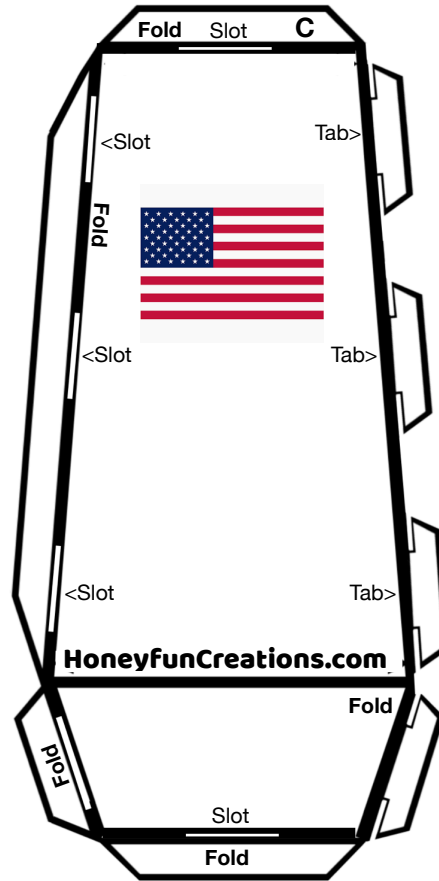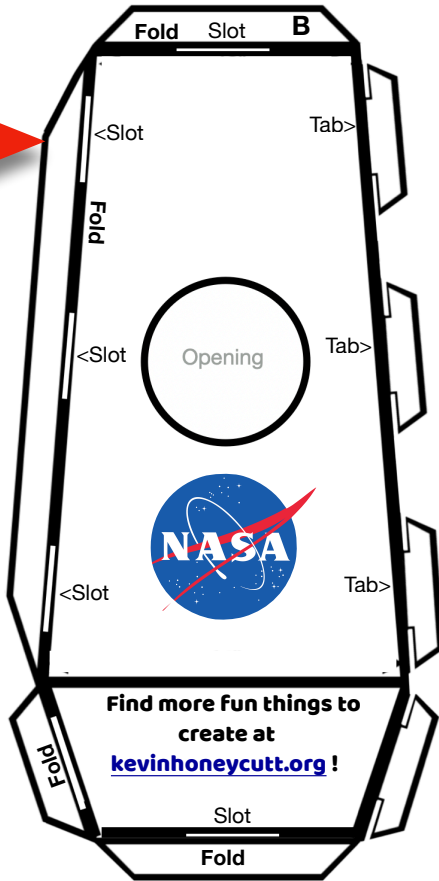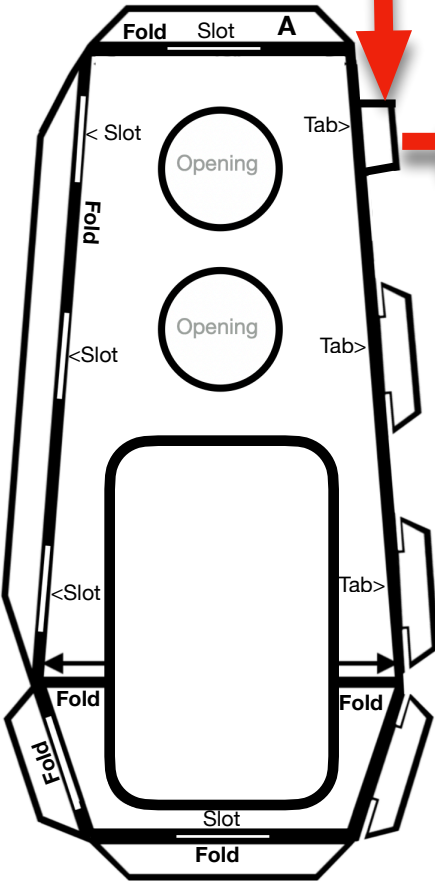**Classroom construction project! Try coupling this with some fun science extensions!**

Once you figure out how to cut and fold the flaps, they insert right into the slot in the next panel!

Then you unfold the tabs and the joint locks!

There is a lot of scissor work in this activity but the outcome is worth it!

Fold Slot **A**

< Slot   Tab>

Opening

Fold

<Slot   Tab>

Opening

<Slot   Tab>

Fold   Fold

Fold

Slot

Fold

Fold Slot **B**

<Slot   Tab>

Fold

<Slot   Tab>

Opening

NASA

<Slot   Tab>

Fold

Find more fun things to create at
kevinhoneycutt.org !

Slot

Fold

Fold Slot **C**

<Slot   Tab>

Fold

<Slot   Tab>

<Slot   Tab>

HoneyfunCreations.com

Fold

Fold

Slot

Fold

A

24"

yfunnCreations.com

Tab>   <Slot
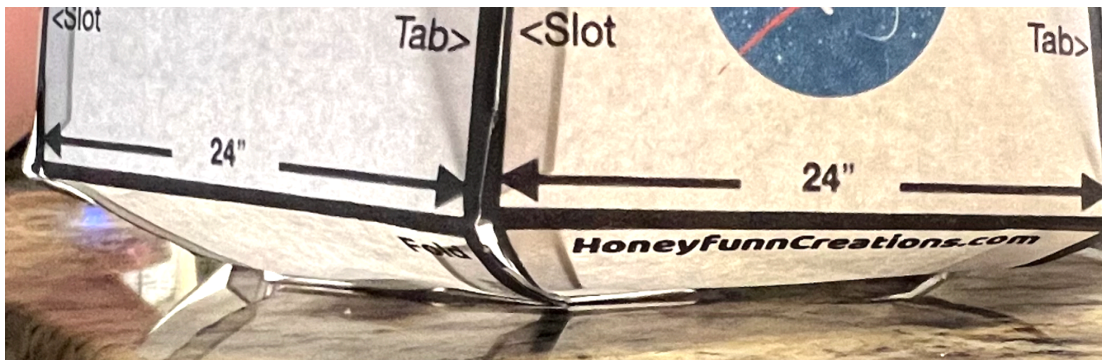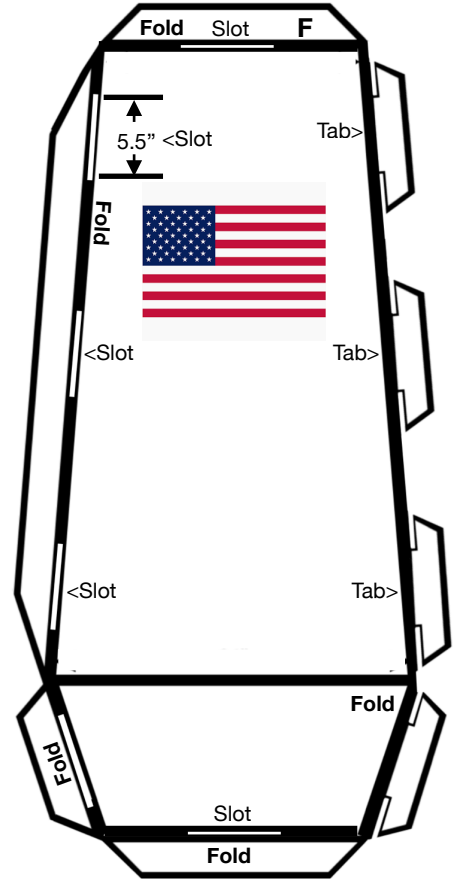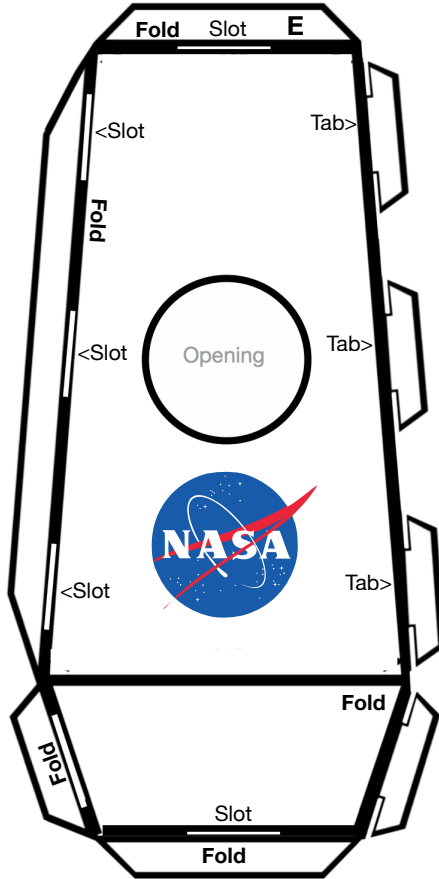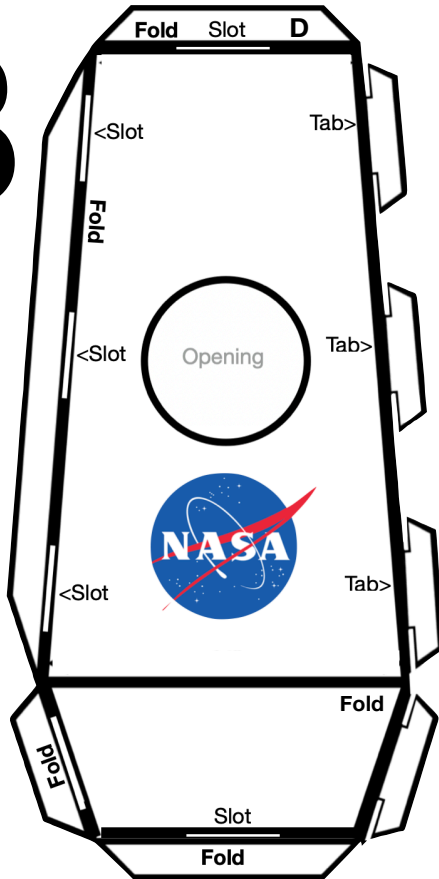
Fold

Space Capsule Learning Pod

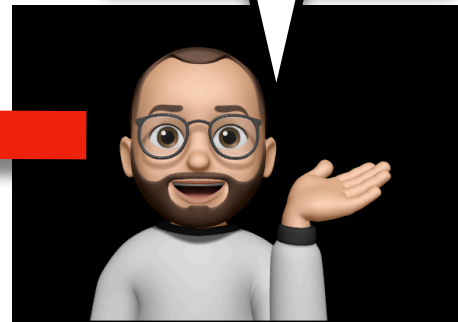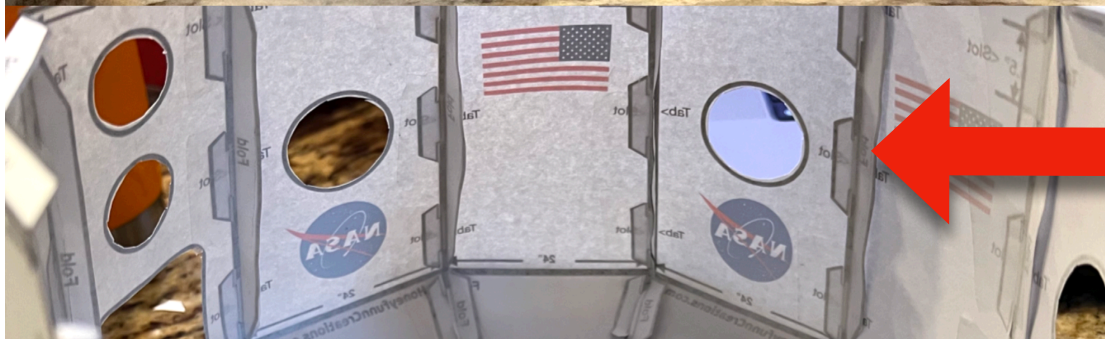Tab and slot based, parent/kid constructed capsule.

HoneyFunnCreations2023

Everything you need to build this rocket with your kids is in this PDF.

B

Panel D
Fold   Slot   **D**

<Slot   Tab>

Fold

<Slot   Opening   Tab>

<Slot   NASA   Tab>

Fold

Fold   Slot   Fold

Panel E
Fold   Slot   **E**

<Slot   Tab>

Fold

<Slot   Opening   Tab>

<Slot   NASA   Tab>

Fold

Fold   Slot   Fold

Panel F
Fold   Slot   **F**

5.5" <Slot   Tab>

Fold

<Slot   Tab>

<Slot   Tab>

Fold

Fold   Slot   Fold

24"   24"

HoneyfunnCreations.com

Just keep cutting, folding, inserting and unfolding. You'll start to see your capsule coming together!
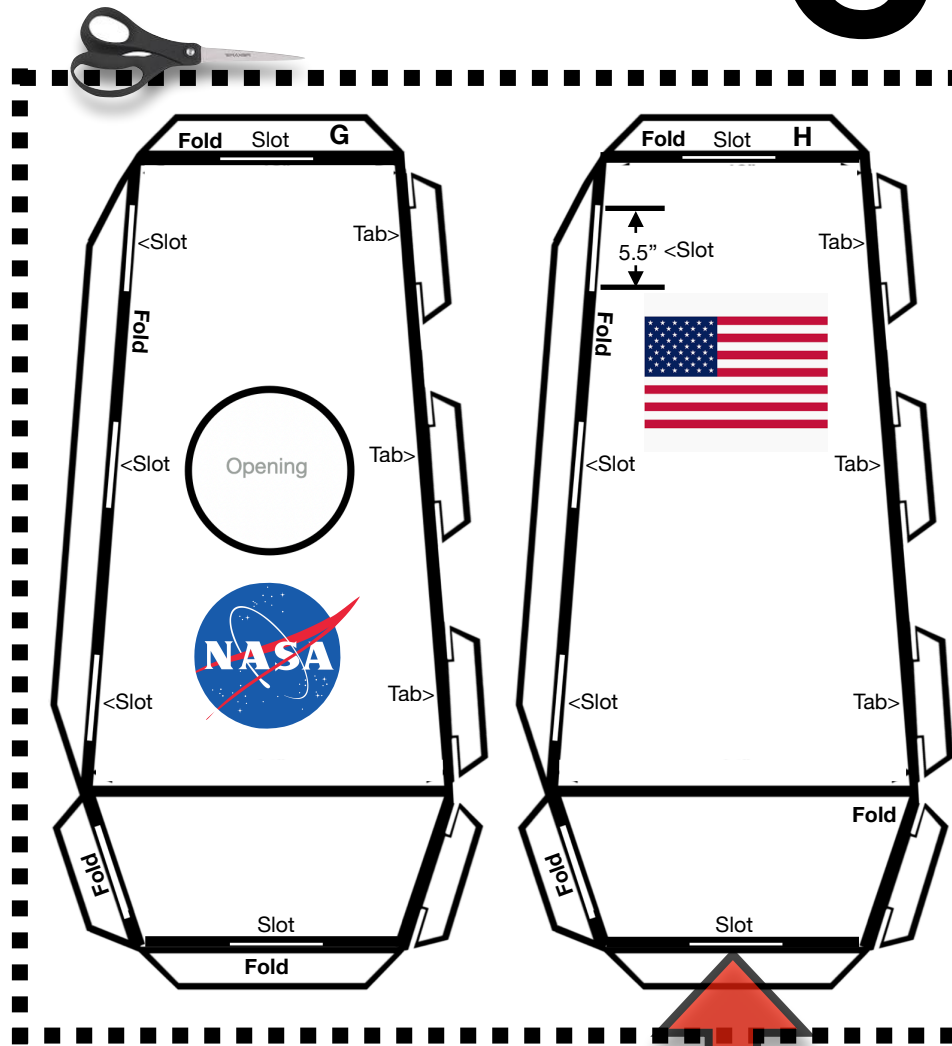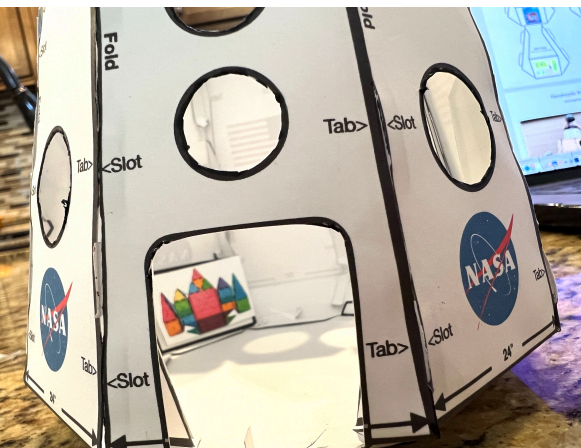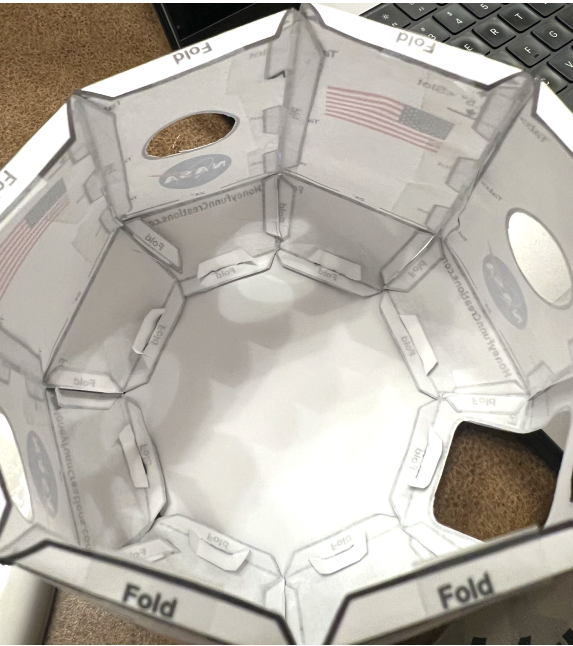
Space Capsule Learning Pod

Slot based, parent/kid/teacher constructed capsule.

HoneyFunnCreations2023

C

Fold Slot **G**

<Slot   Tab>

Fold

<Slot   Tab>

Opening

<Slot   Tab>

Slot

Fold

Fold Slot **H**

5.5" <Slot   Tab>

Fold

<Slot   Tab>
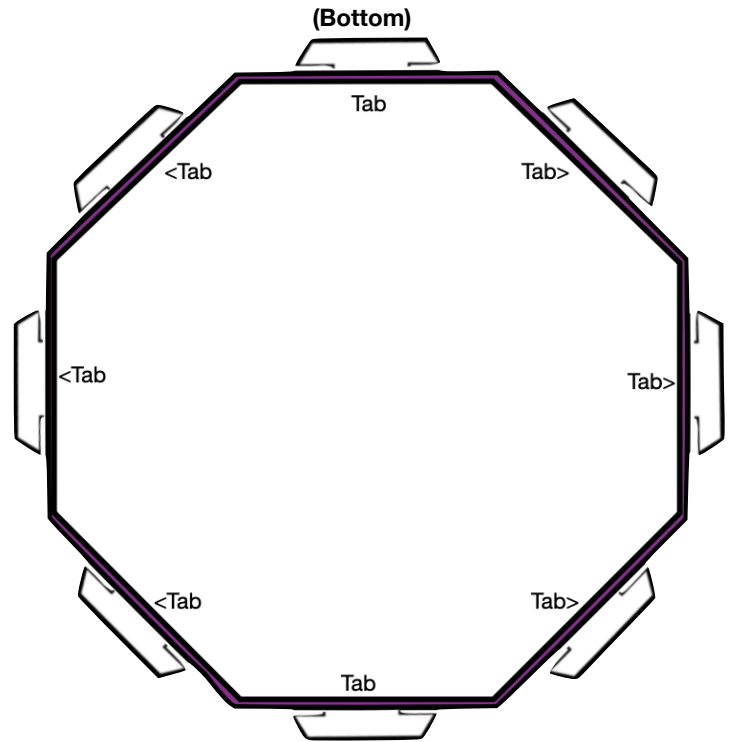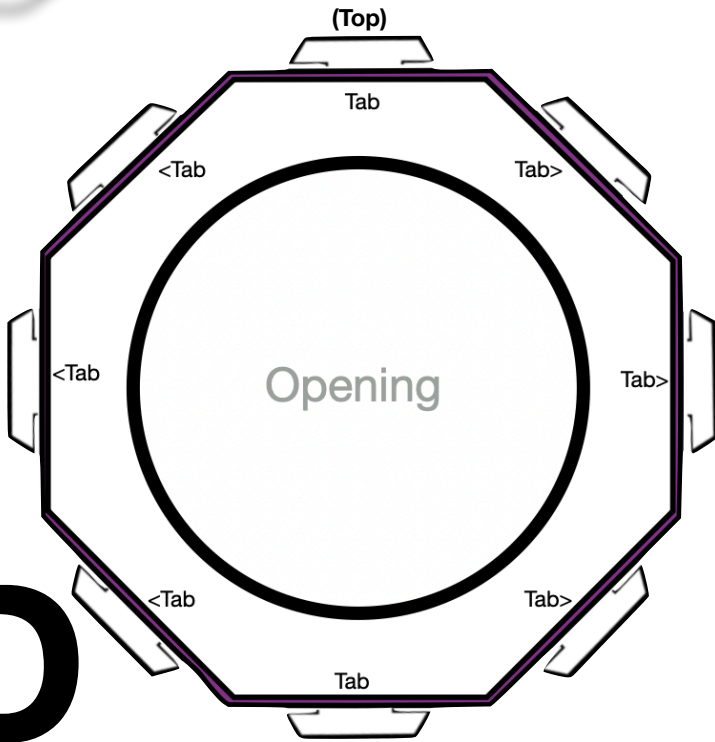
<Slot   Tab>

Fold

Slot

The slots are important! If you fold your panels perpendicular to the slots you can cut them with the scissors more easily!
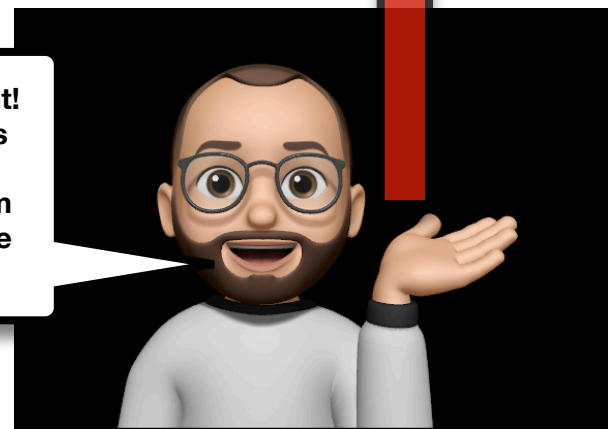
Space Capsule Learning Pod
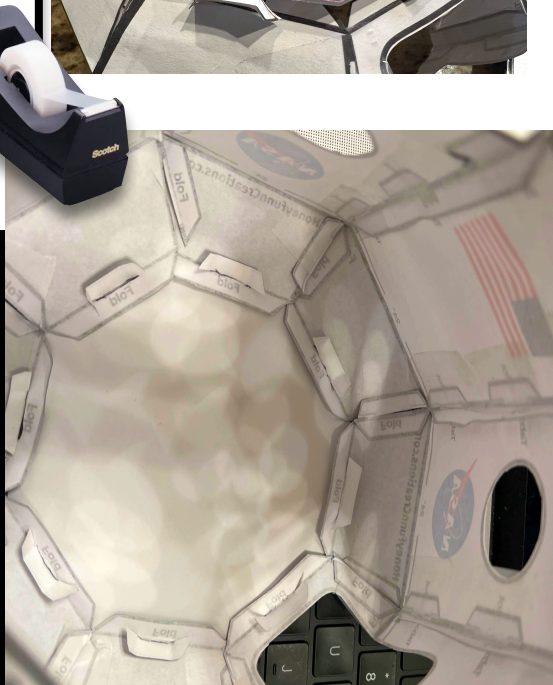
Slot based, parent/kid/teacher constructed capsule.

(Top)

Tab

<Tab

Tab>

<Tab

Tab>

<Tab

Tab>

Opening

<Tab

Tab>

Tab

D

(Bottom)

Tab

<Tab

Tab>

<Tab

Tab>

<Tab

Tab>

<Tab

Tab>

Tab
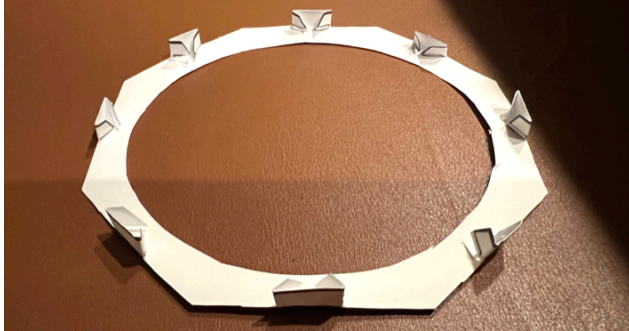
The tops and bottoms have lots of tabs and slots but you can do this! Take your time and if a part ever rips just tape it back together with scotch tape!

13"

13"

<Slot

Tab>
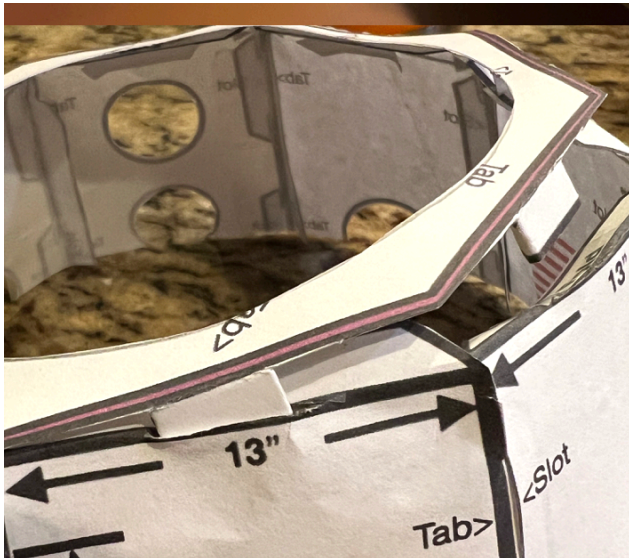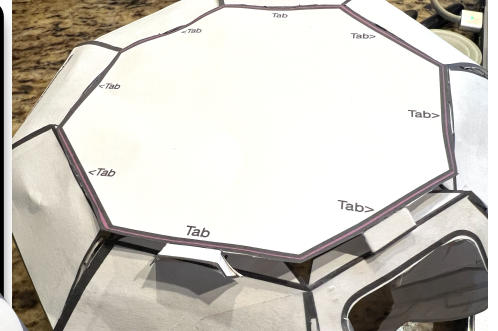
Space Capsule Learning Pod

Cut, fold and tape the capsule together!

Bottom

Top

NASA

HoneyfunCreations.com

Find more fun things to create at kevinhoneycutt.org !

Easier, one piece version for littles…

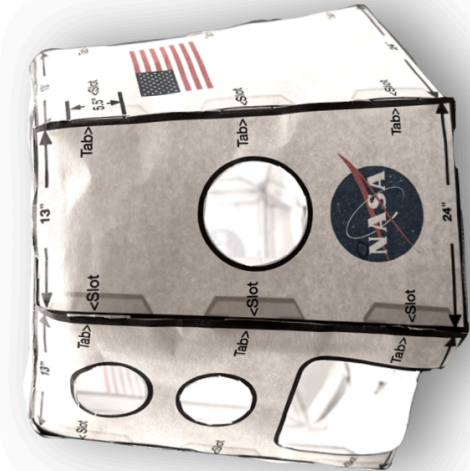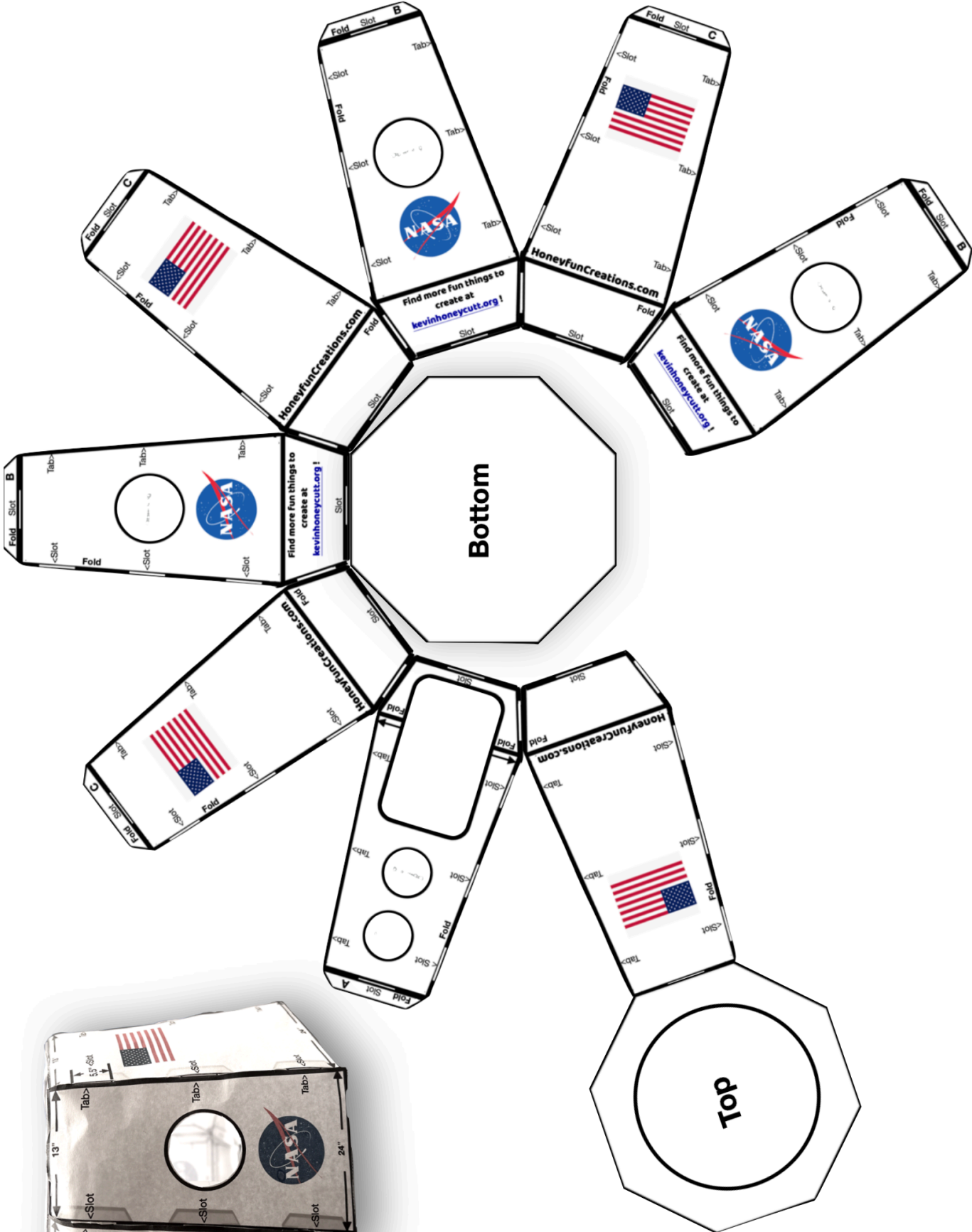# Space Capsule Learning Pod

Would you like to get some classroom-sized pods when they are ready?

Ready to build a fun foundation for learning about space, science, STEM and more in your classroom.

<<<< Scan here to see the PDF plans for a large classroom version that you can assemble in your classroom! Project it on the wall and draw and cut it out or order it pre-cut and shipped soon!
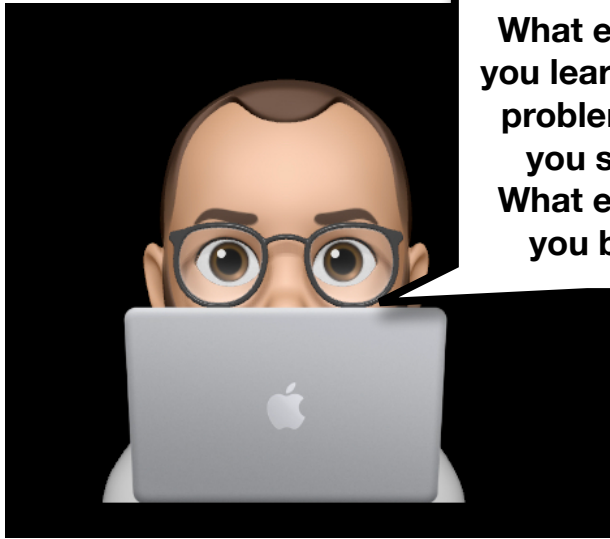
Scan here>>> to get the current PDF version of the Space Capsule for your kids to build and take home!
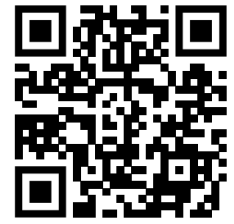
Space Capsule Learning Pod

Kevin's Links

What else can you learn? What problems can you solve? What else can you build?

little astronomy

Space Math

Draw pastel planets!

Links

Build A Lunar Outpost!

Write And Illustrate Your Own Book!

Gibson and the AMAZING cardboard spaceship

Written by: Kevin Honeycutt
illustrated by: _____
Write your name here!

Build your own lightning bug circuit!

Space Writing
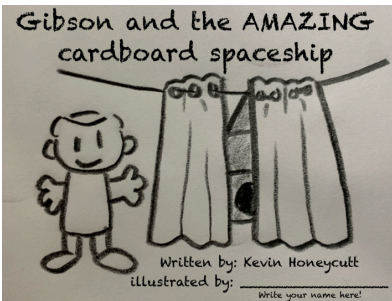
Apollo vs Orion Explained

APOLLO   ORION

Crew Module Diameter: 12.8 FT.   Crew Module Diameter: 16.5 FT.

and NASA's new Orion spacecraft.

NASA Lessons
For Students Grades 5-8
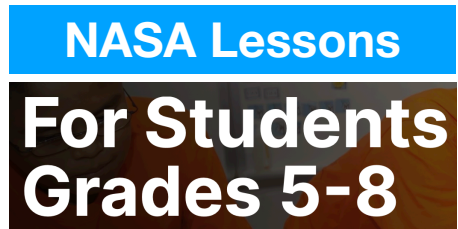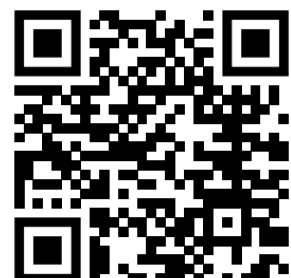
Space Capsule Learning Pod

Cyndi's Space Learning Links

NASA Library of Images, Video, Audio
https://images.nasa.gov/details/iss035e007148

SCHOOL, **SPACE**
SCIENCE FICTION AND SPACE EXPLORATION
https://www.shellyfryer.com/

Learning Space With NASA at Home
https://www.jpl.nasa.gov/edu/learning-space/

Benefits of Space: Education
https://www.unoosa.org/oosa/en/benefits-of-space/education.html

Learning Space With NASA – Studying Earth From Space
https://youtu.be/P2gAMsmZHp4?si=CidVB878zFDVy5Li

SPACE EDUCATION CURRICULUM
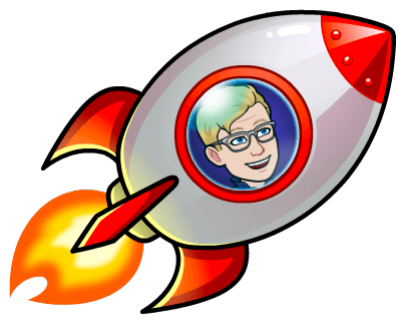https://www.spaceprize.org/education

http://ncesse.org/

NCESSE
National Center for Earth and Space Science Education

Inspire ... Then Educate

Space Capsule Learning Pod

Wes' Space Learning Links

By Wes Fryer (Charlotte, NC, USA)

Our middle school computer programming class is building a [virtual] colony on Mars, using robots (the MinecraftEDU "agent") and Microsoft MakeCode programs in Minecraft Education Edition. Here's an example of student project code.This is the website we are using to share project resources:
https://lessons.wesfryer.com/lessons/minecraft-mars

My AI Tips and Tricks page:
http://wfryer.me/tips

My LinkTree page has new cool stuff I'm sharing:
https://linktr.ee/wfryer

I'd love to collaborate on this project with you!

Connect with me! https://www.wesfryer.com/after/

Space Capsule Learning Pod

Mr. Krahn's Links!

Links

Star Walk 2 - Google Play Store Link (Also available for Apple!) - Interactive app for phones or tablets that shows a starmap of the night sky!

NASA Space Place - Explore Earth and Space!

Links

Stellarium Mobile - Star Map - Google Play Store Link (Also available for Apple!) - Another great star gazing app that shows the night sky!

SciShow Kids - Let's Explore Mars Playlist
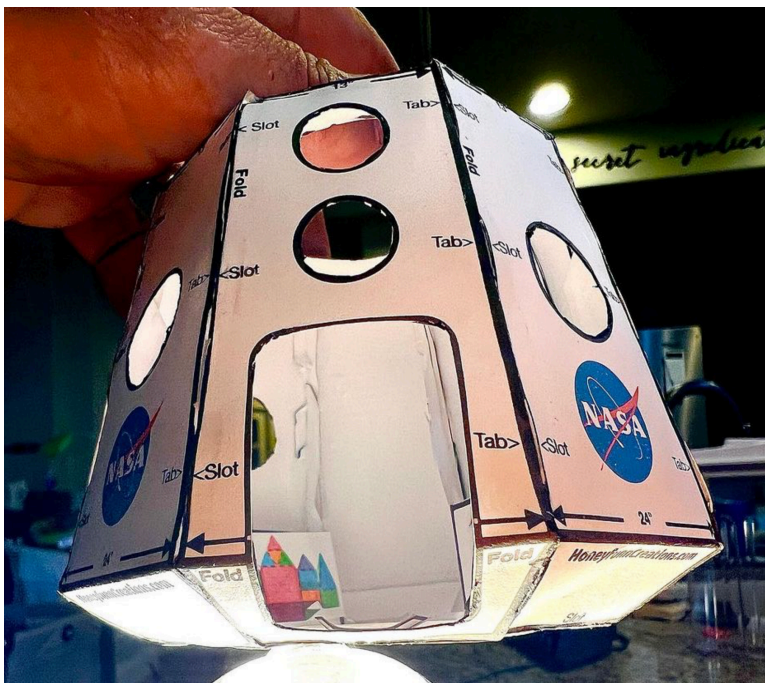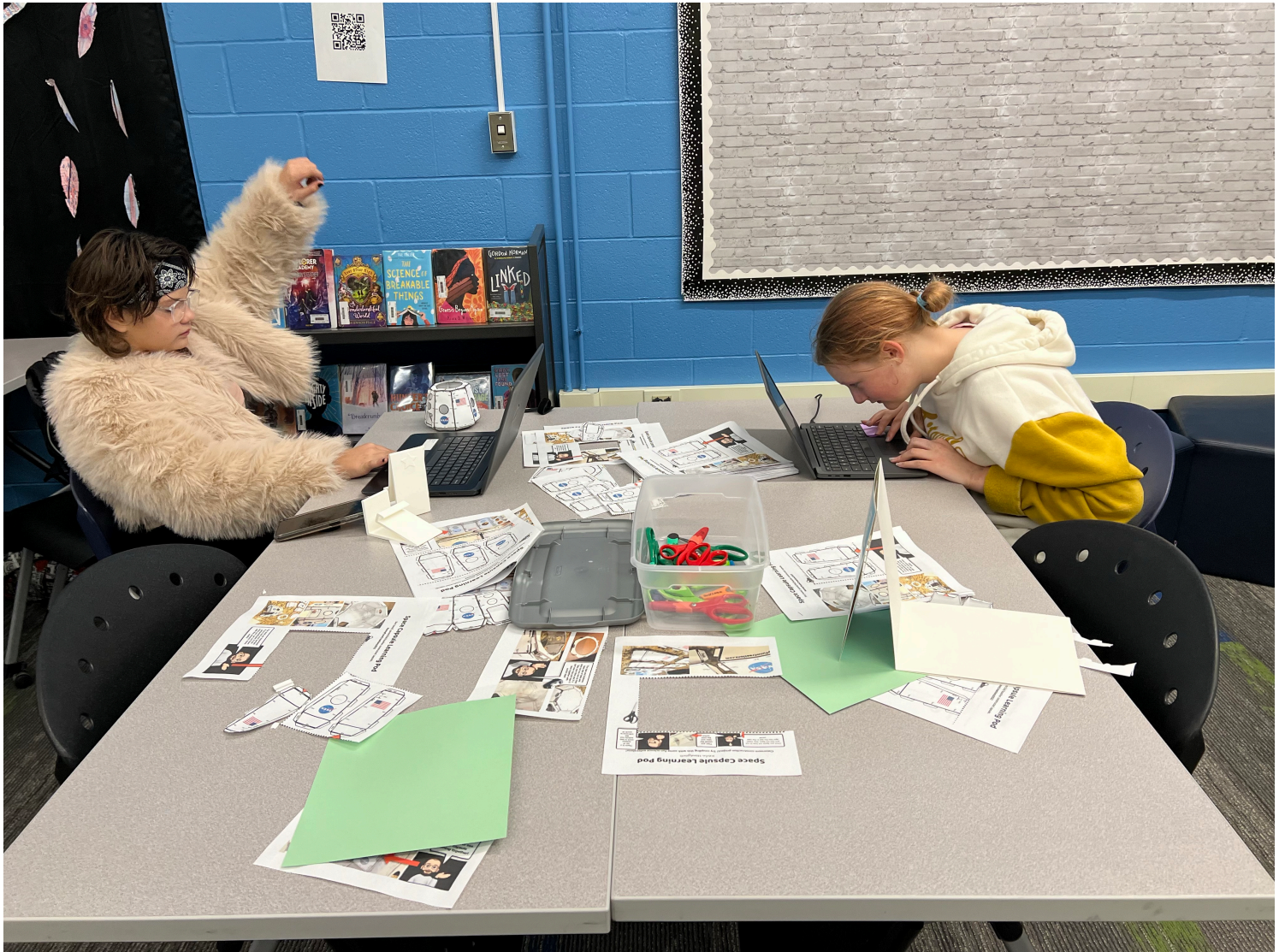
SciShow Kids - How We Study Space Playlist

Crash Course Kids - Space Science Playlist

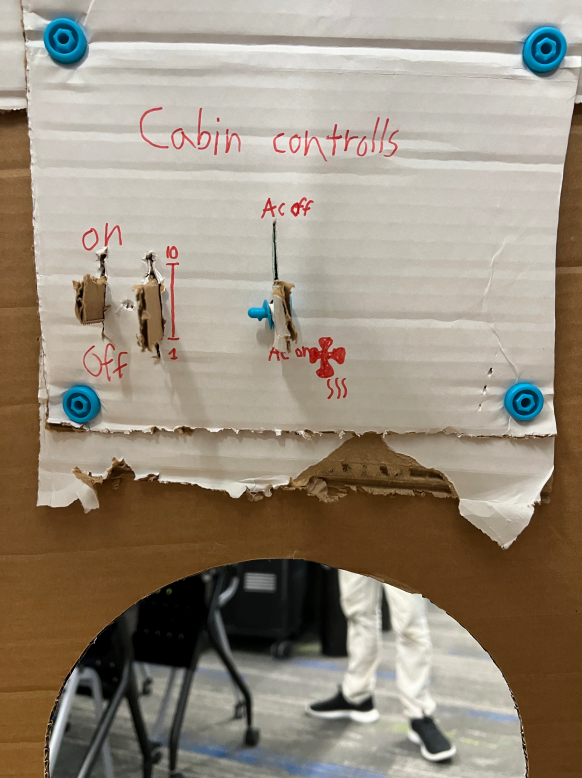Crash Course - Astronomy Playlist (For Advanced/Older Students)
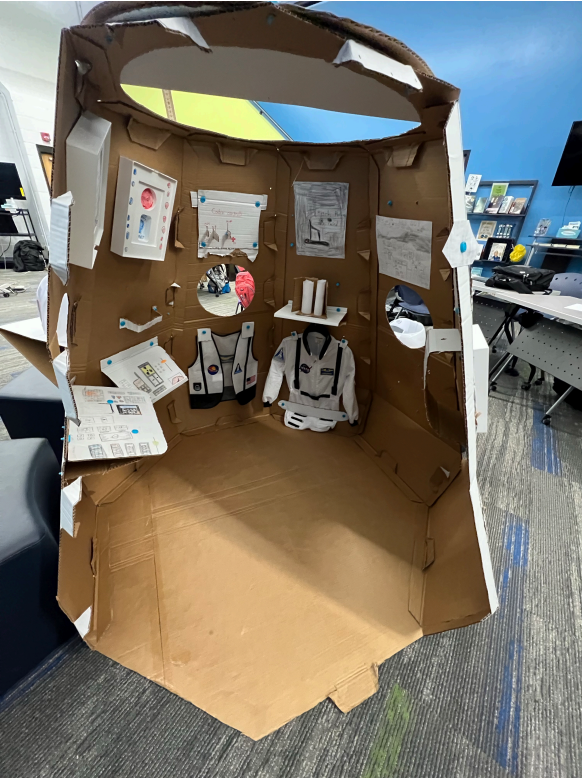
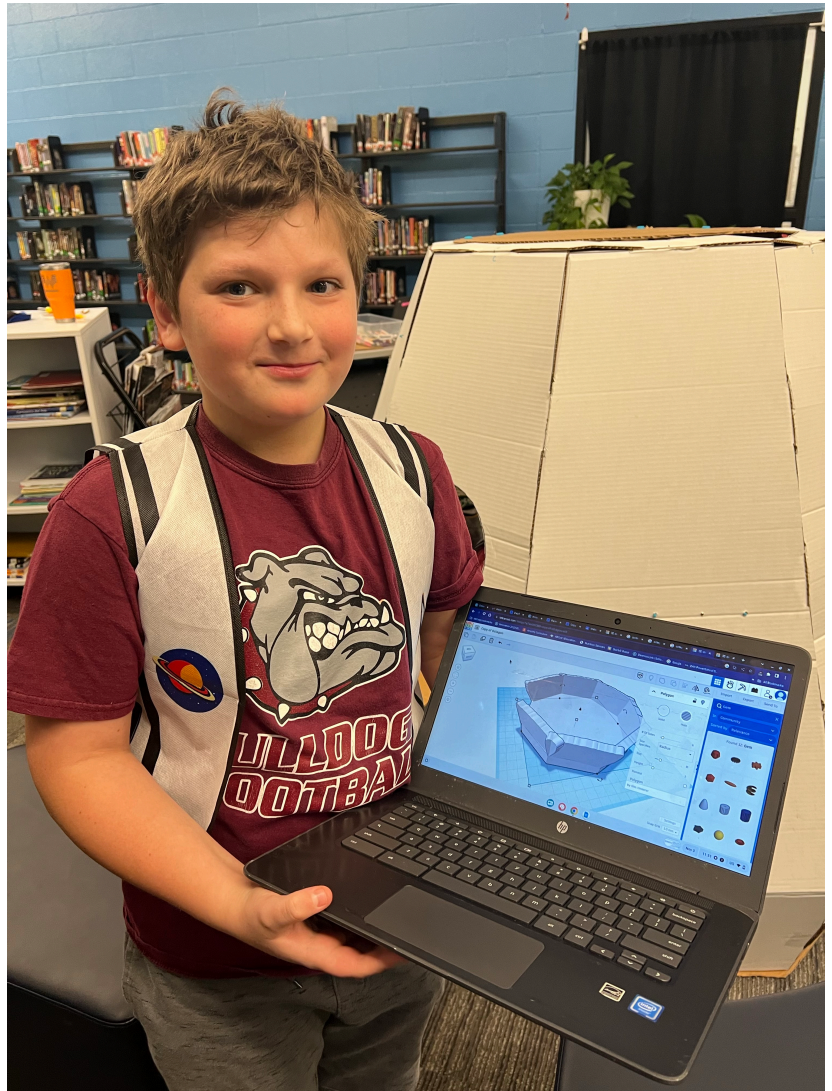# Space Capsule Learning Pod

Photo Gallery (Small Capsule)

Space Capsule Learning Pod

Photo Gallery (Large Capsule)

Space Capsule Learning Pod

Photo Gallery (Large Capsule)

Space Capsule Learning Pod

makedo Tools and Modifications!

The minute your kids finish assembling their Space Pods they will want to modify and improve them through design and engineering. This is where makedo tools come in!