

DHEDF Rural STEM Initiative – Club for the Future-Video Overview
DHEDF Rural STEM Initiative Collaborating Organization
Presented on 25 October 2023

To: DHEDF National Rural STEM Initiative Participating Schools

From: Wayne I. Fagan, DHEDF Chair

Date: 25 Oct 2023

Subject: Link to recording of Club for the Future Monthly Zoom call with Leadership of Rural STEM Initiative Participating Schools

Resources designed for use in Grades: K-12

Team:

Date of Presentation: 25 October 2023

Presenter:

Kristen Yip

Pronouns: she/her

Education Program Manager

Club for the Future

BLUE ORIGIN

<https://www.clubforfuture.org/>

Recording link:

https://us06web.zoom.us/rec/share/31ejMyiDMKnjhhHSl1X-kaMfCML_Y8e9l_0cWqThQx5V61Yk0EDLSFzpqrblQmGz.yX7QgYyV-doys2K

Passcode: 9FST%JN5

I. Blue Origin/Club for the Future Videos

a) Blue Origin's Mission

<https://www.youtube.com/watch?v=1YOL89kY8Og>

b) How to Fly a Postcard to Space with Club for the Future

<https://www.youtube.com/watch?v=e2nBH4KPGso>

II. See slides shown during the presentation by Kristen Yip on 25 October 2023 at the end of this Memo.

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We are grateful to the Club for the Future team for their commitment to STEM Education in general, the great resources they make available to the public, and their collaboration with the DHEDF Rural STEM Initiative.

If you have any questions concerning any of the foregoing or any other questions about DHEDF in general or the Rural STEM Initiative **please contact me, Wayne I. Fagan, at (210) 570-7888 or wifagan@wifagan.com**

Thank you again for your participation in the DHEDF National Rural STEM Initiative, we are honored to have you, your schools, and your students as part of this Initiative.

Wayne I. Fagan | Chair
Dee Howard International Education Foundation



Introductions

Kristen Yip

Education Program Manager

Blue Origin's Club for the Future

- **Former Middle and High School Science Teacher**
- **Former STEM Program Manager for the University of Washington GEAR UP Achievers**
- **Former science teacher for schools in Zambia and China**







M I L L I O N S O F P E O P L E
L I V I N G & W O R K I N G I N S P A C E
F O R T H E B E N E F I T O F **E A R T H**

O U R V I S I O N



OUR MISSION

01

To radically reduce the
cost of access to space



02

To utilize in-space
resources



03

To inspire the next
generation

BLUE ORIGIN PROGRAMS





BLUE ORIGIN

CLUB FOR THE FUTURE

EST. 2019



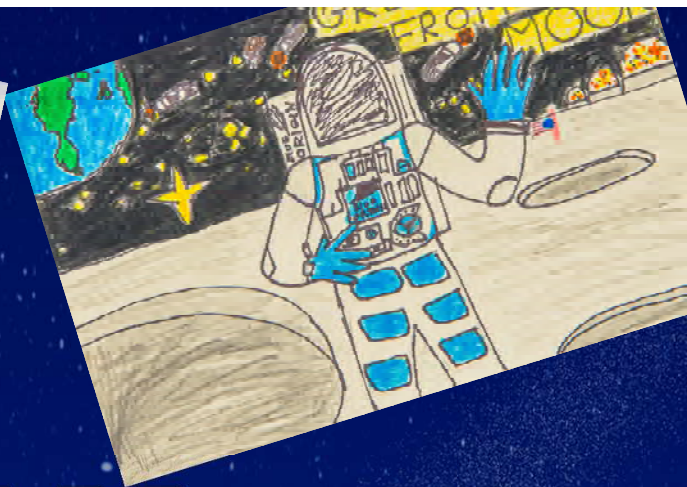
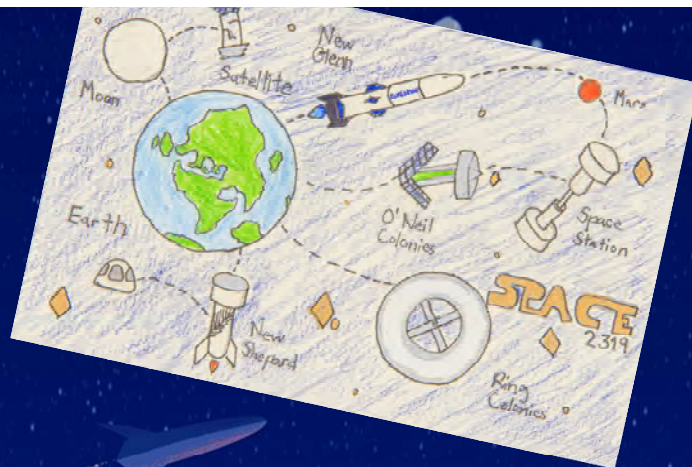
THE NEXT GENERATION **BEGINS NOW**

POSTCARDS | LESSONS | PARTNERSHIPS | EVENTS | AMBASSADORS

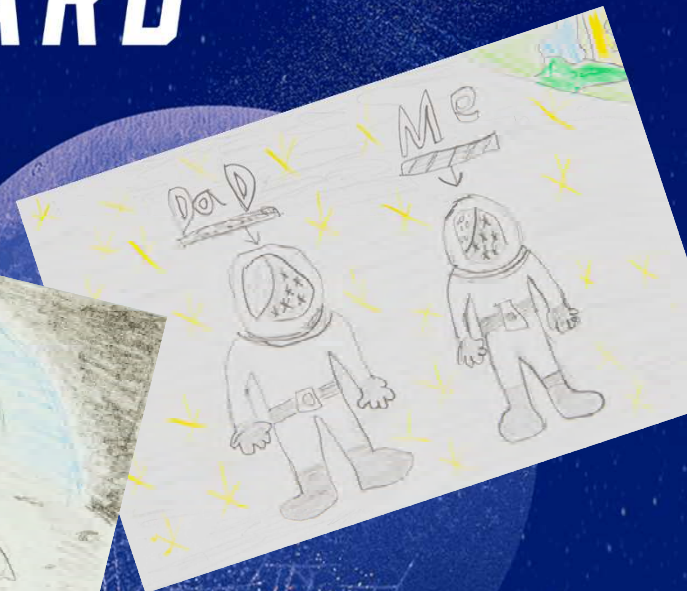
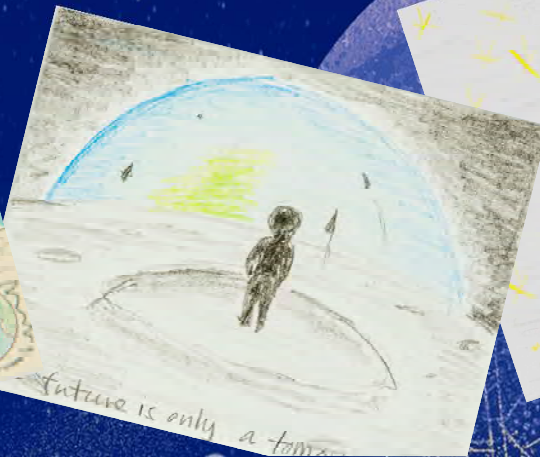
ClubForFuture.org

[@clubforfuture](https://twitter.com/clubforfuture)





SEND A POSTCARD TO SPACE



HOW TO FLY A POSTCARD TO SPACE



Club for the Future
@clubforfuture

Special delivery! The crew of #NS22 are taking their very own #PostcardsToSpace with them. 📬🚀





AEROSPACE AND STEM LESSONS

Title	Creator	Subject	Community	Engagement	Used
 Future of Sports in Space	 Club for the Future	STEM / STEAM	Elementary School (ages 5-10)	1d and 7h	40
 Setting the Table in Space	 Club for the Future	STEM / STEAM	All / Everyone	—	6
 Astronaut Status Report 🧑🚀🧑🚀	 Club for the Future	Digital Citizenship	Elementary School (ages 5-10)	—	4
 Space Advertisement in Space!...	 Club for the Future	STEM / STEAM	All / Everyone	16h and 36m	30

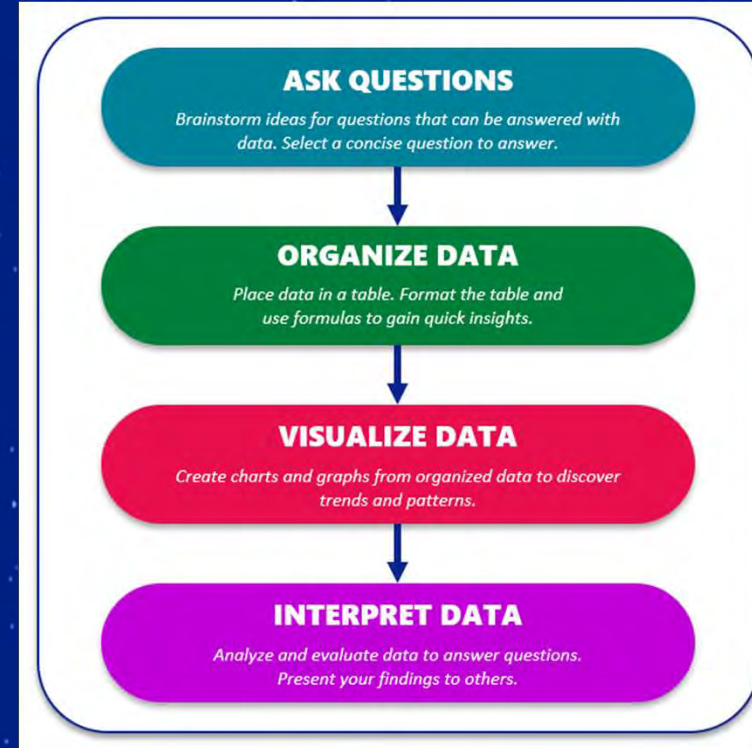
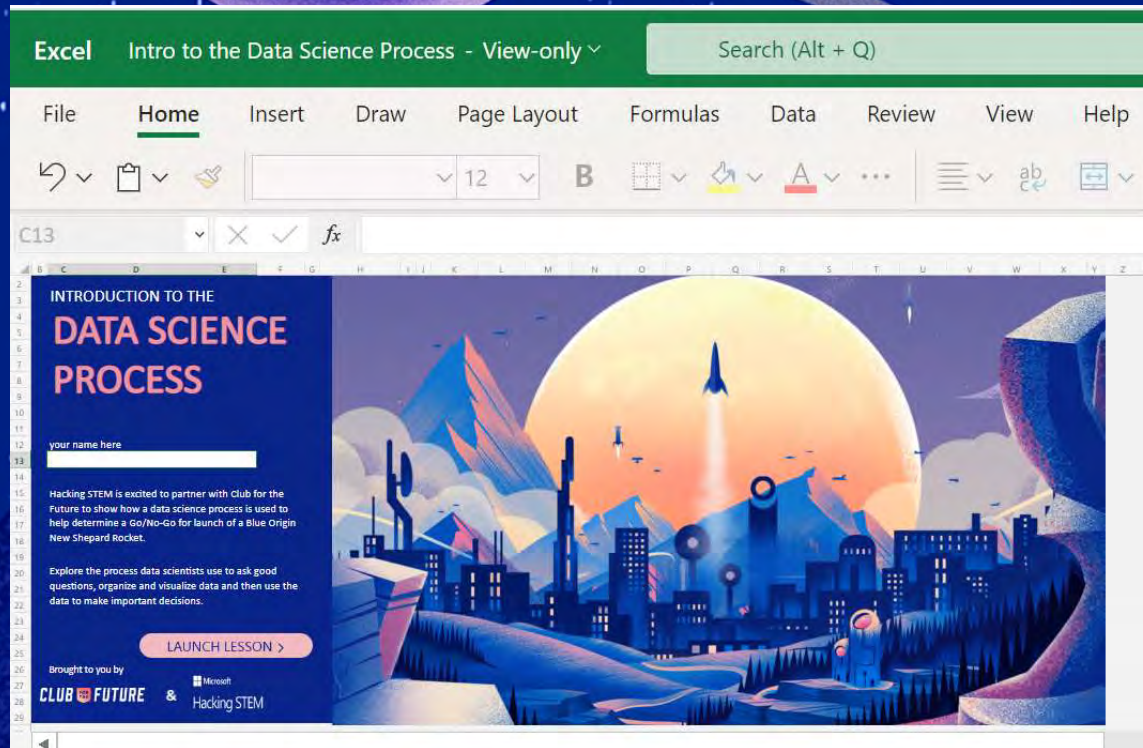
- Free lessons and activities
- <https://www.clubforfuture.org/curriculum/>
- Flip also has many lessons tied with Postcards
- <https://admin.flipgrid.com/discovery/partners/club-for-the-future>
- Wakelet: <https://wakelet.com/wake/1PzID56bXjfxJofXnnwoF>

ROCK-IT WITH DATA SCIENCE!

- Join us on this mission to determine the launch readiness of a New Shepard rocket.
- Use data and a step-by-step data science process to simulate the decision-making process that experts use to give a Go/No-Go signal from the command center. Get ready to launch your curiosity!
- This free lesson is aligned with NGSS, ISTE, and CSTA learning standards



ROCK-IT WITH DATA SCIENCE!



aka.ms/ITDS

ESTES EDUCATION

TAKE LEARNING TO NEW HEIGHTS

FREE EDUCATIONAL CONTENT

ALIGNED WITH EDUCATIONAL STANDARDS TO DEVELOP
21ST CENTURY SKILLS FOR CLASSROOMS AND BEYOND.

MISSION BRAVO OSCAR



Watch as students work in groups modeled after real-life mission teams at Blue Origin with a shared goal of a successful rocket launch!

MISSION BRAVO OSCAR 1 DAY MISSION



Engage students at summer camps and youth programs with a condensed Blue Origin STEM mission that can be completed in a single day!

ROCKET RATIOS



Use a model of Blue Origin's New Shepard to teach your students critical skills like ratios, proportions, and scale drawings with this unit plan!

REQUEST A GUEST SPEAKER

SUBJECT MATTER EXPERTS



- Over 10,000 employees across the nation
- Request a guest speaker to speak with your classroom about careers in space and pathways
- <https://bit.ly/CFTFeventform-ext>



QUESTIONS

• ClubforFuture@blueorigin.com