



GEAR UP

BLAST OFF

TO

MARS

MISSION TO MARS LEGO ROBOTICS

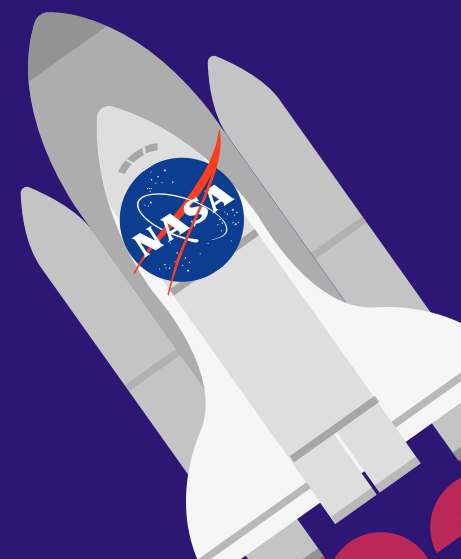
SUMMER CAMP

JUNE 21-25, 2021



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- Alma Guzman, CMMS Site Manager
- Esmeralda Razo, FMS Site Manager
- Diane Reid, Middle School Teacher





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Why summer camp?

- **Provide opportunities for students to engage with each other and staff.**
- **Pique interest in NASA's Perseverance Rover and Ingenuity Helicopter in its Mission to Mars.**
- **Encourage development of engineering, critical thinking and collaboration skills.**



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Daily Schedule / Agenda

- **8:00 AM - 9:40 AM: Set up/prep**
- **9:40 AM - 10:00 AM: Greet Engineers at buses, sign in, lanyards, join Project Leads, video from NASA**
- **Camp: 10:00 AM - 12:00 PM: Engineer Group, Hey Burrito!, building / programming robots (brain breaks as needed)**
- **12:00 PM - 12:30 PM: Lunch**



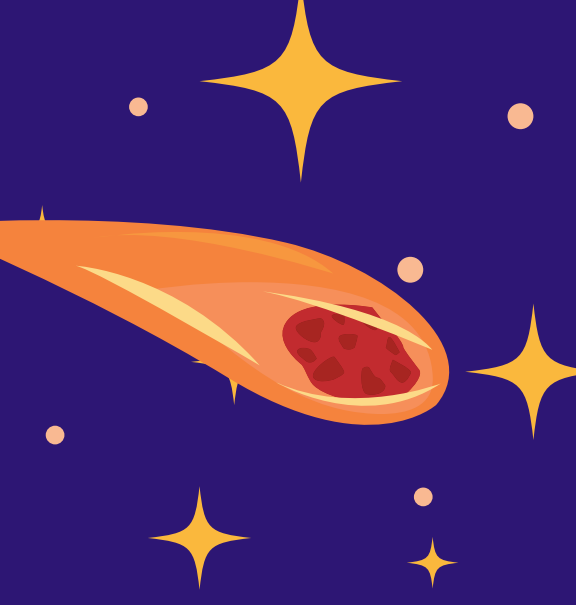


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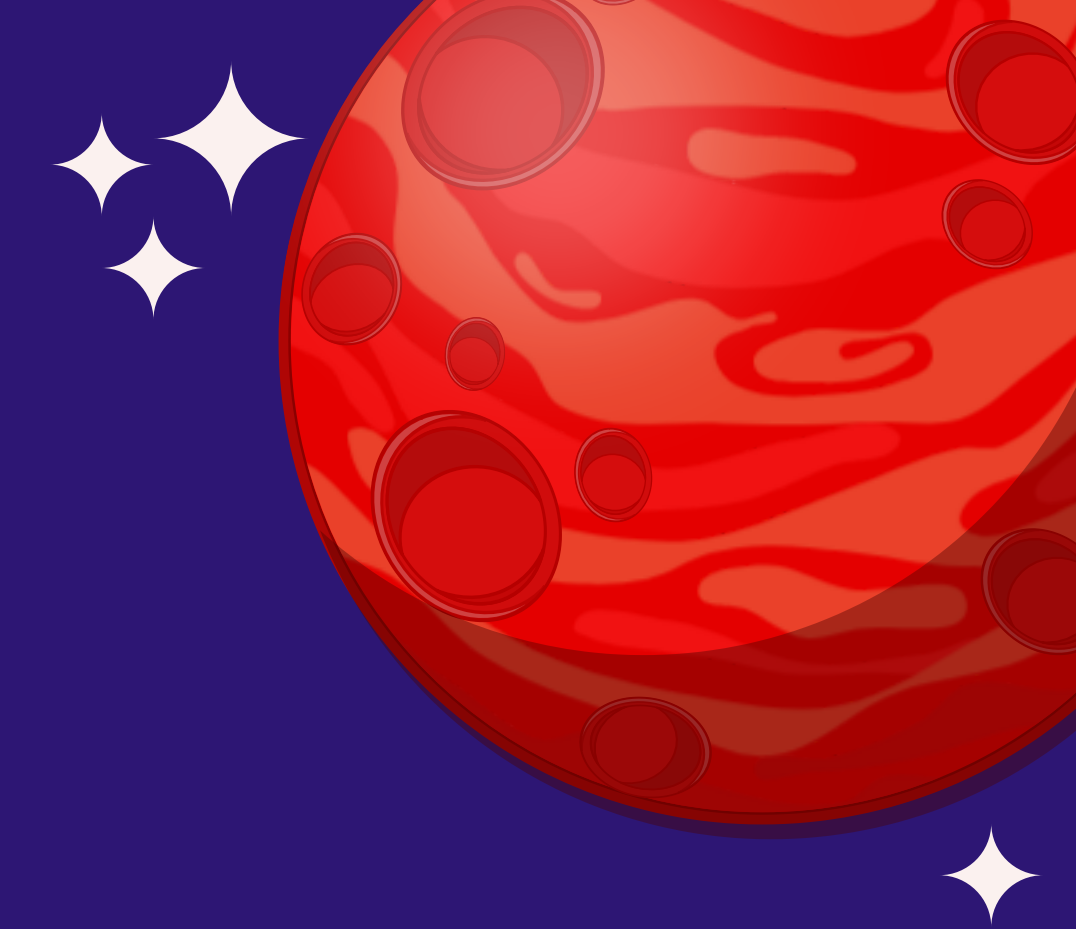
Daily Schedule / Agenda

- **12:30 PM - 2:20 PM: Rotating sessions:**
 - **Ozobot**
 - **Search for life**
 - **Straw rockets**
 - **Helicopter**
 - **Flying drone**
- **2:20 PM - 2:30 PM: Clean up, reflection, Hey Burrito!, load buses**





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Hey, Burrito!

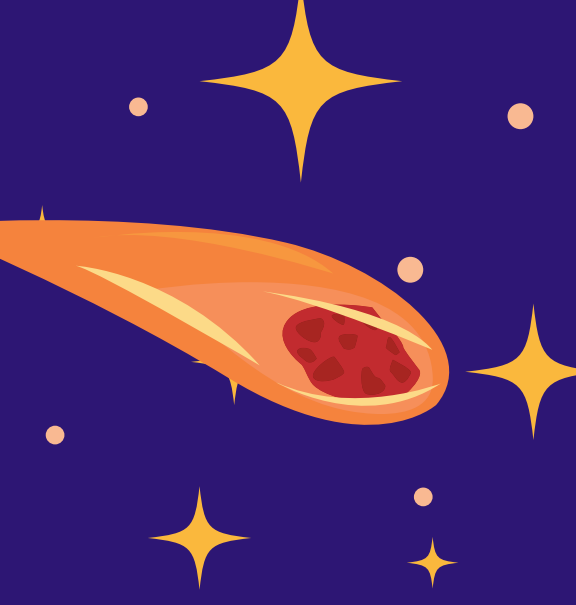
Hey, Burrito!

Learn the Skills

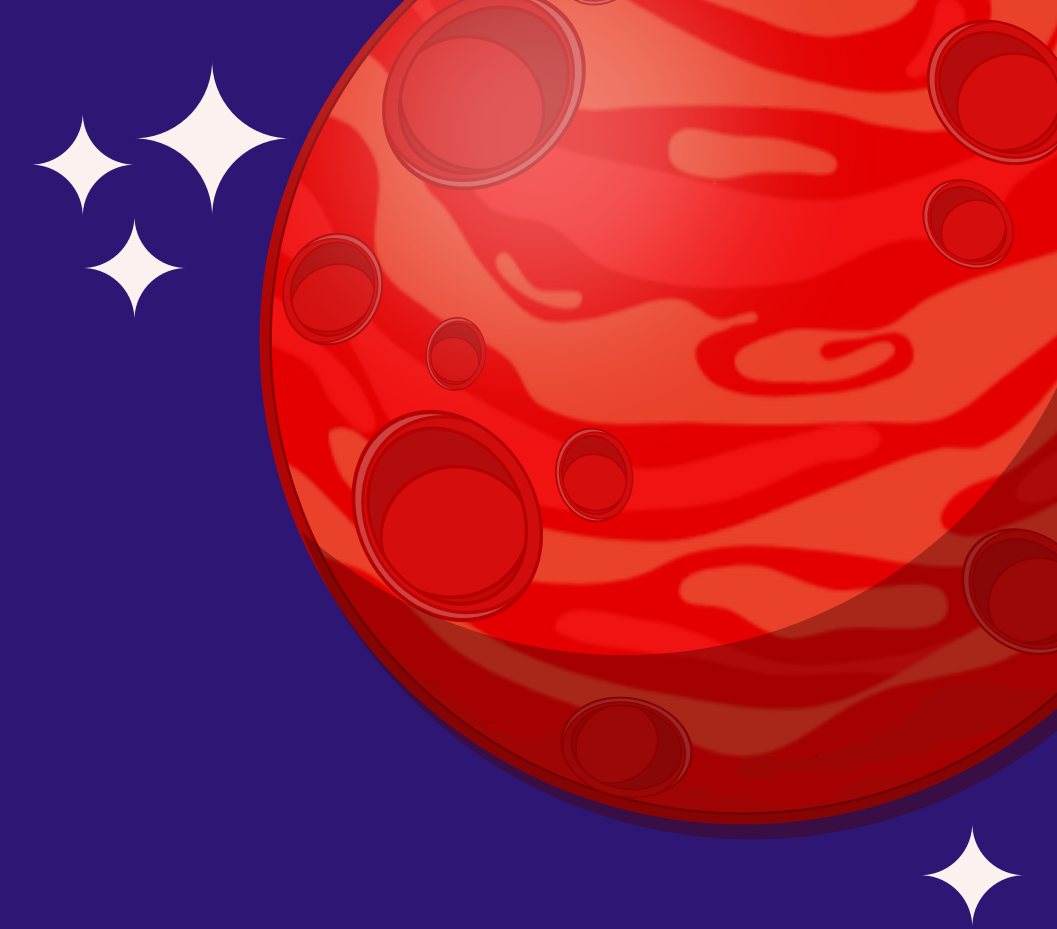
What's the Problem?

Collaborate





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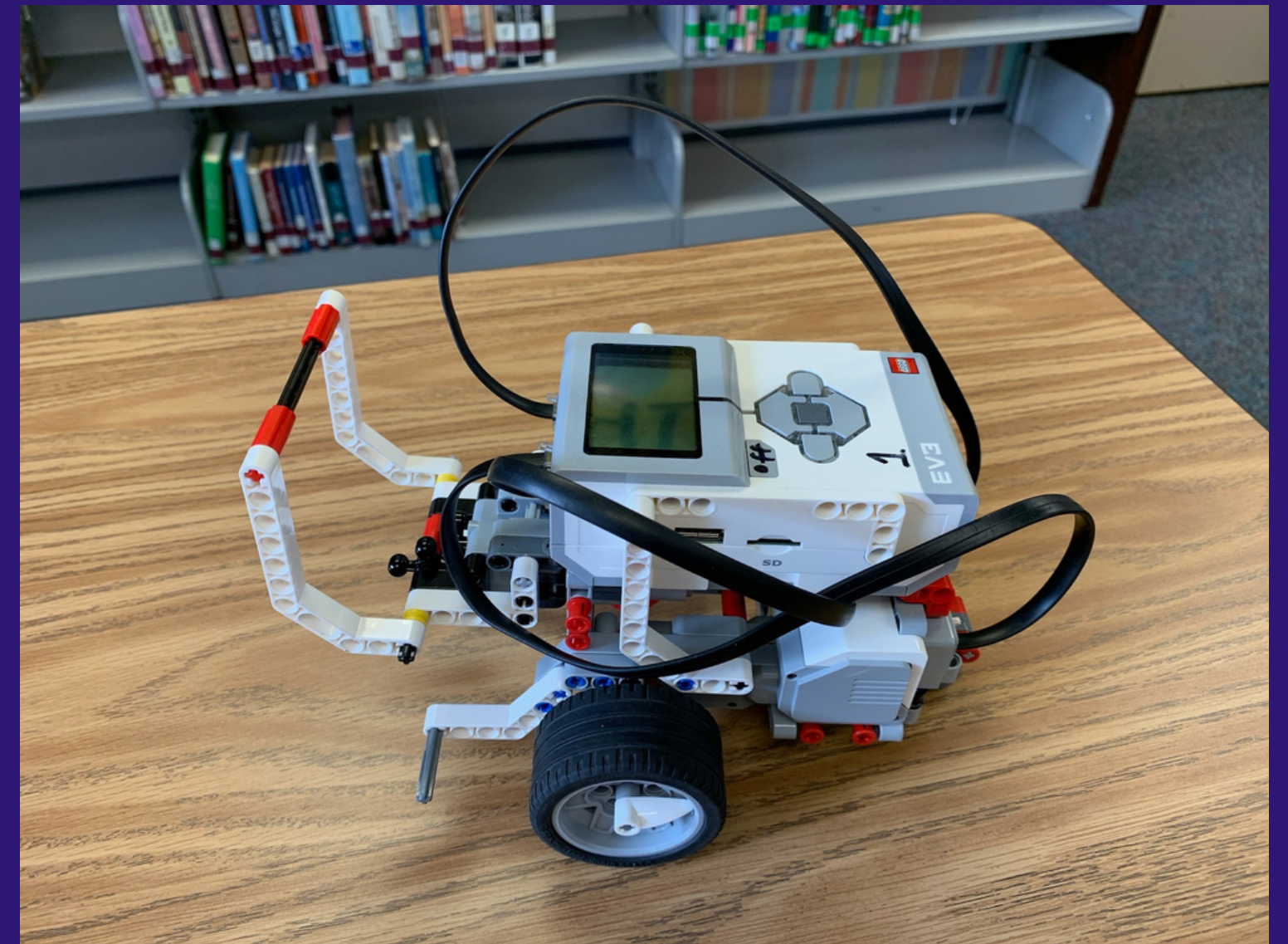


Design for Mission
Test the Rover
Reiterate
Copter Up
Hey, Burrito!
Hey, Burrito!



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EV3 Robot Building and Programming



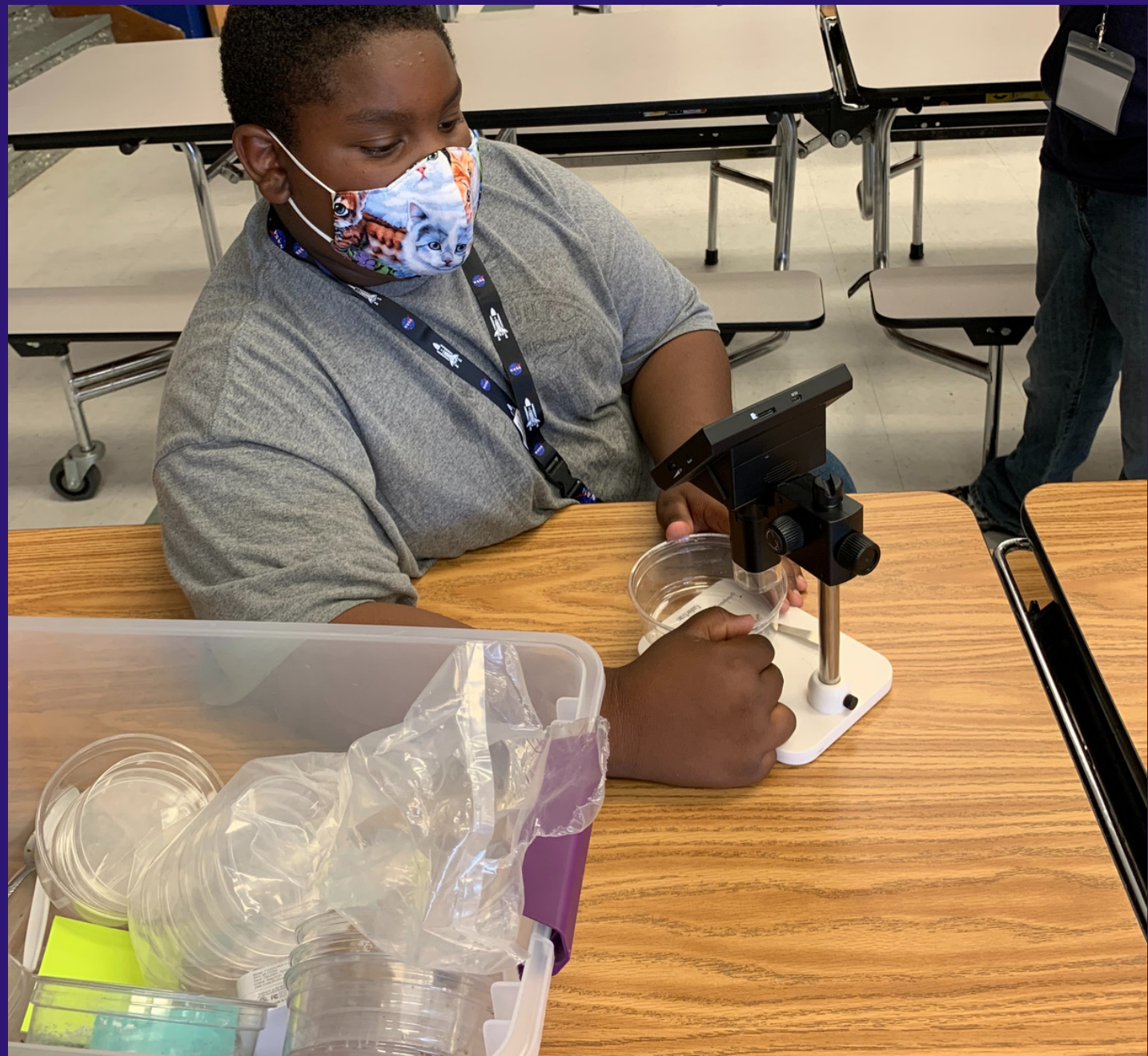
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Student Learning Program Skills



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Search for Life: Portable Digital Microscope: Macroinvertebrates



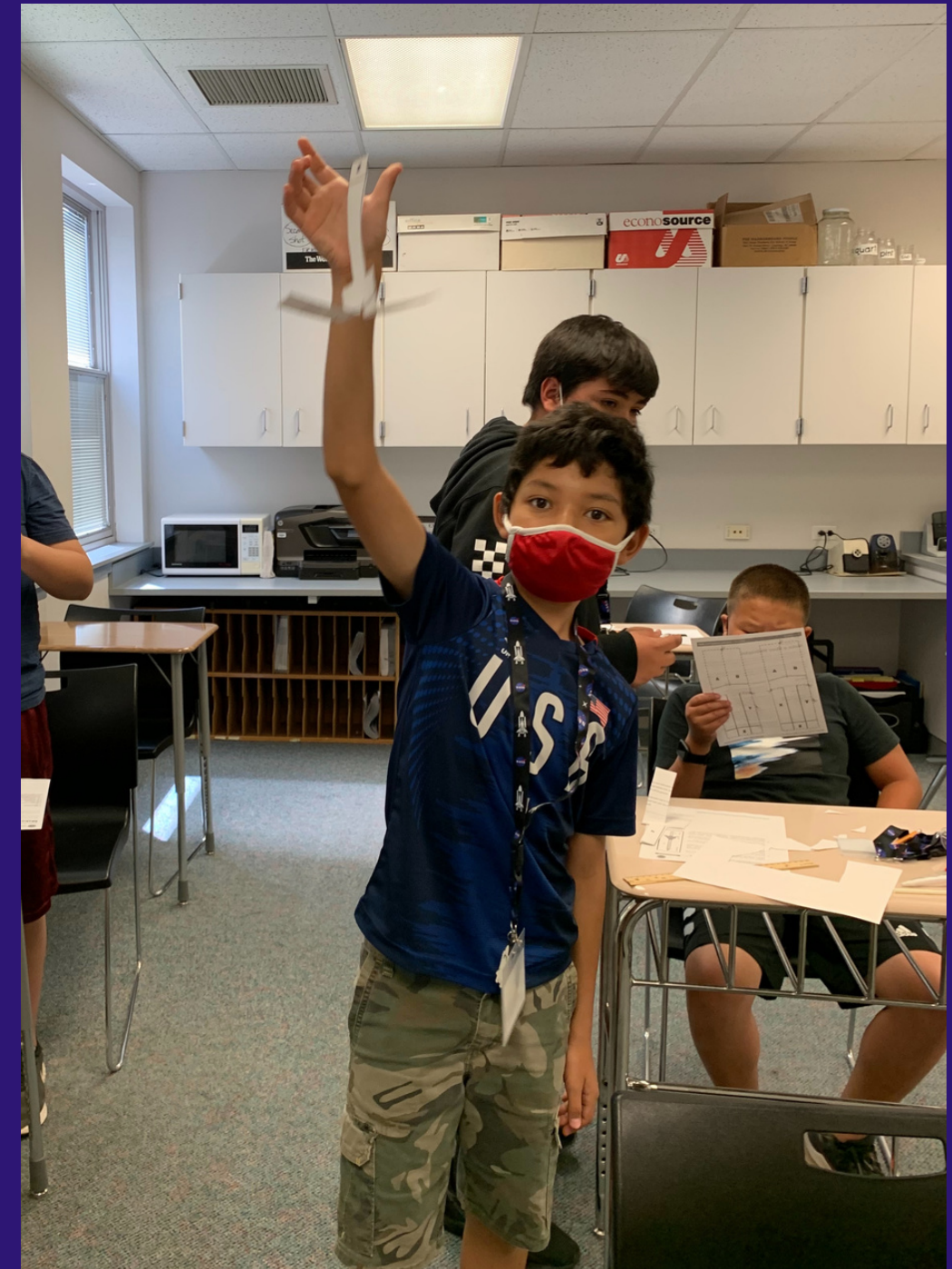
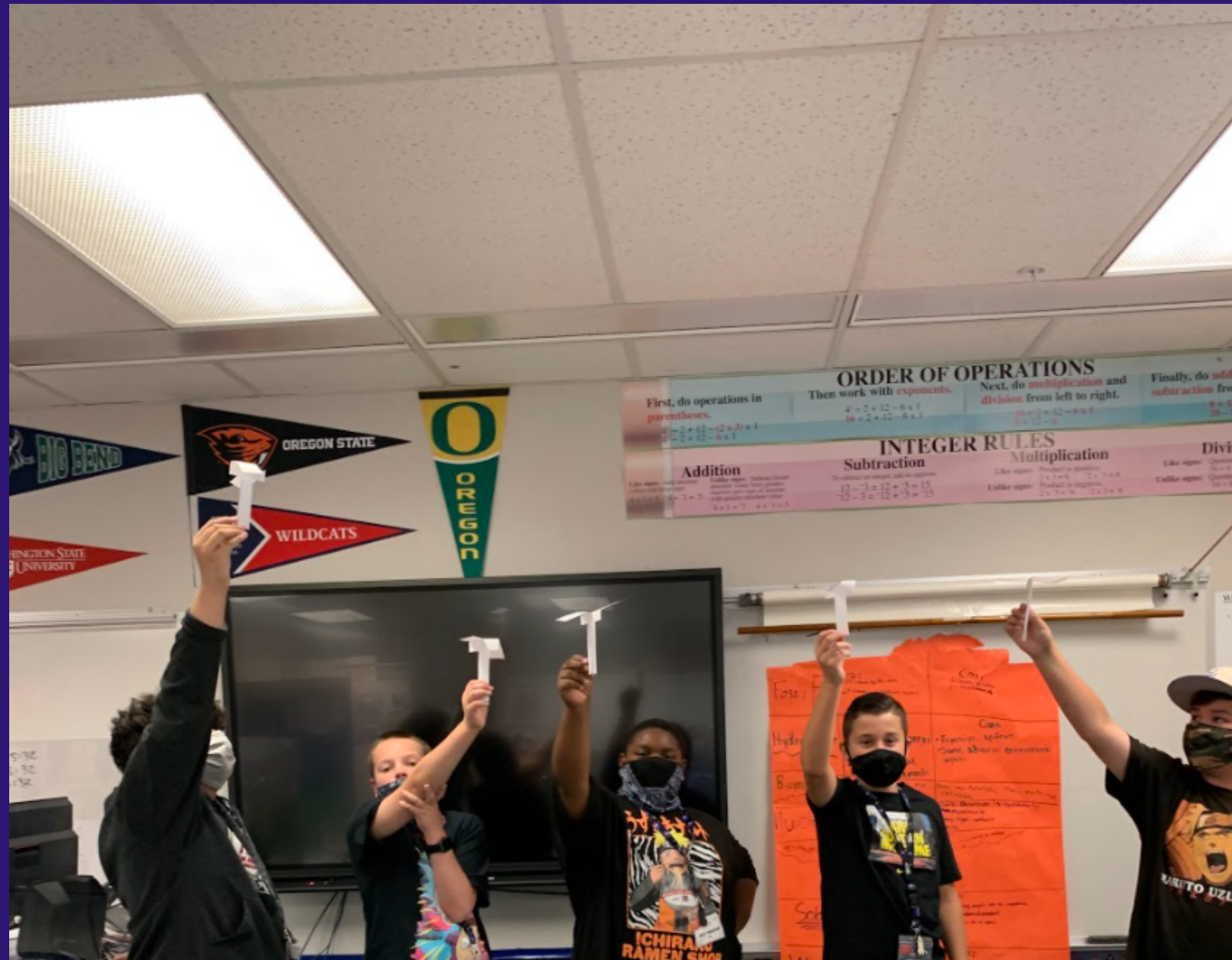
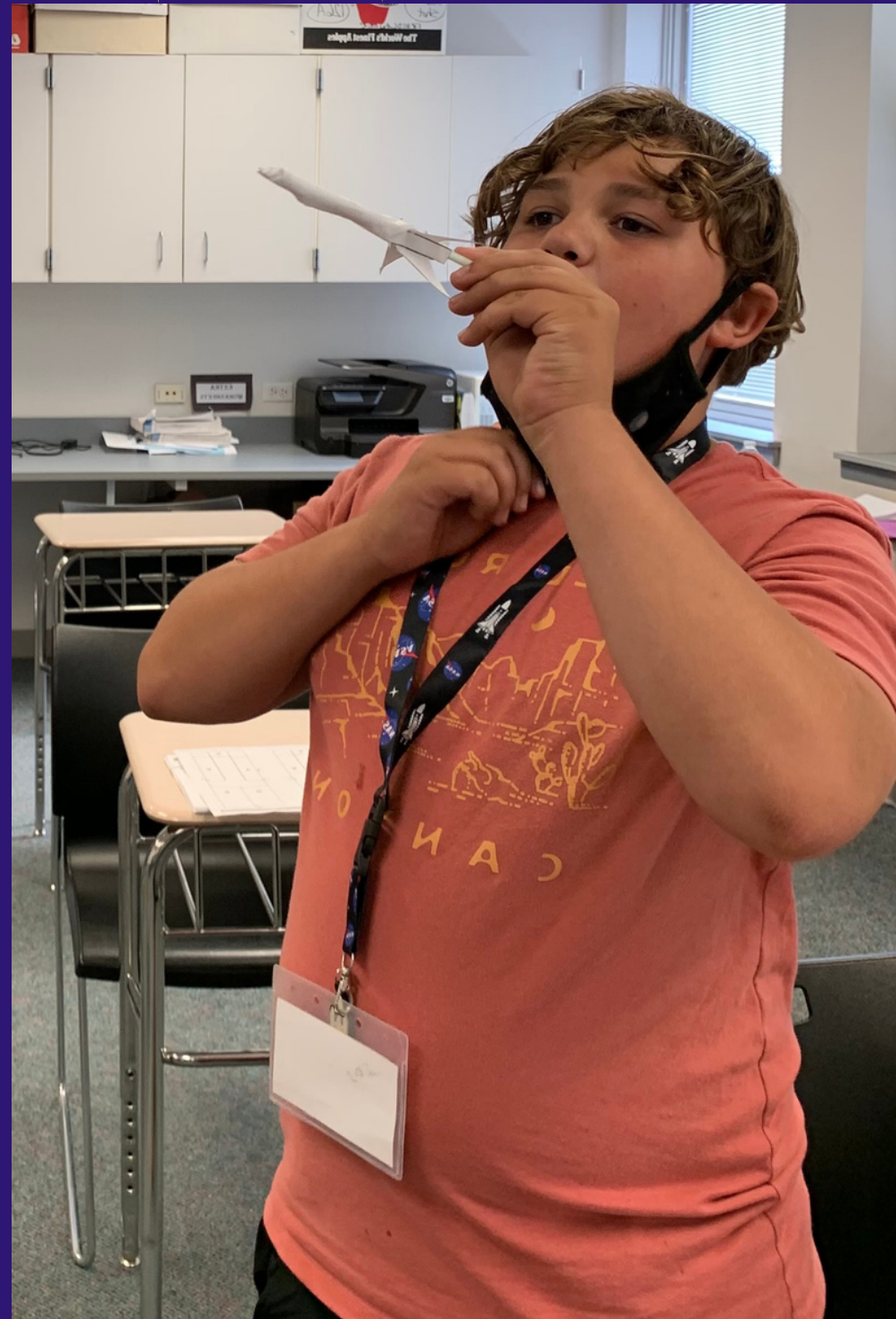
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Search for Life: Combustible Gas Detector



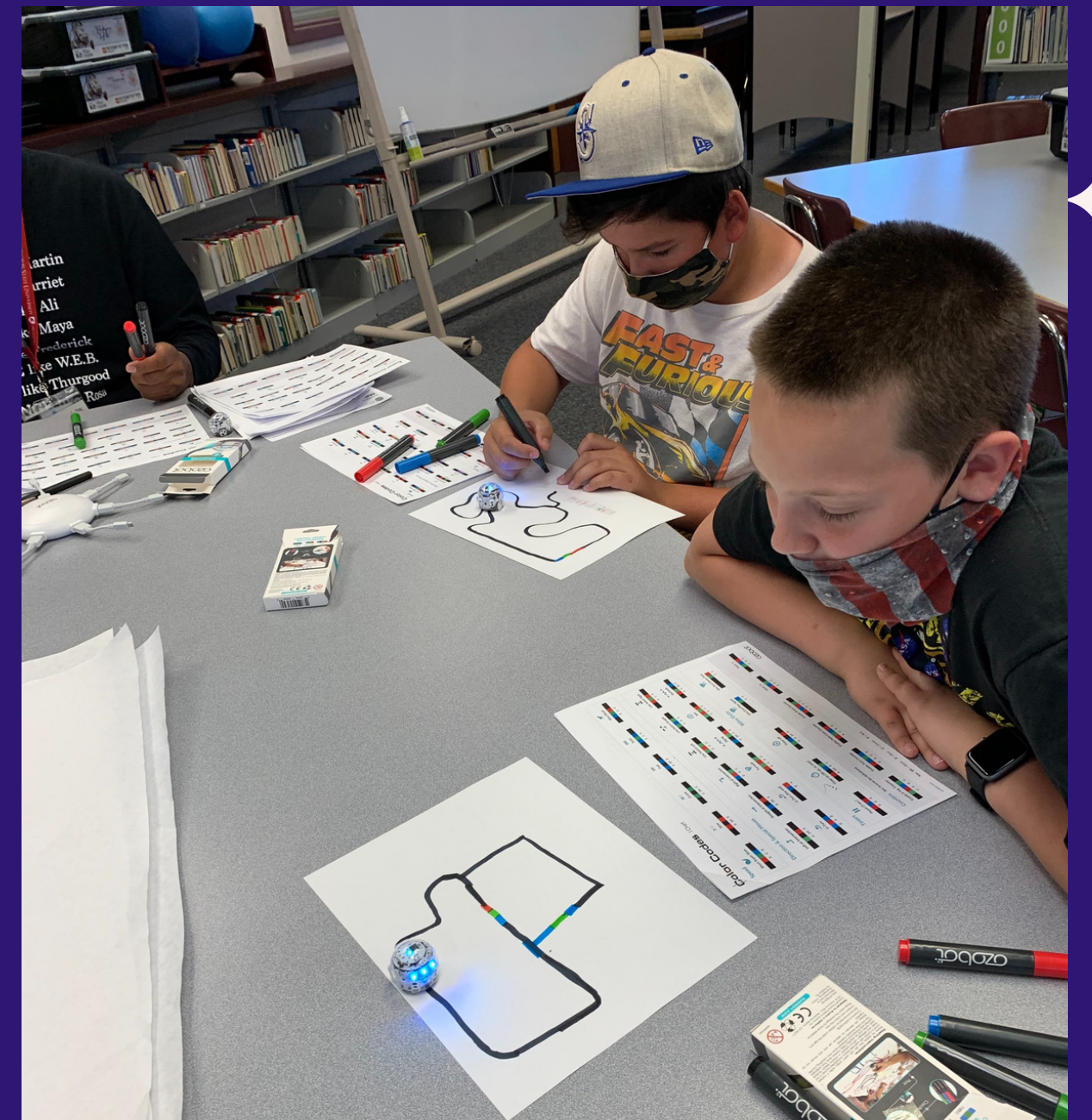
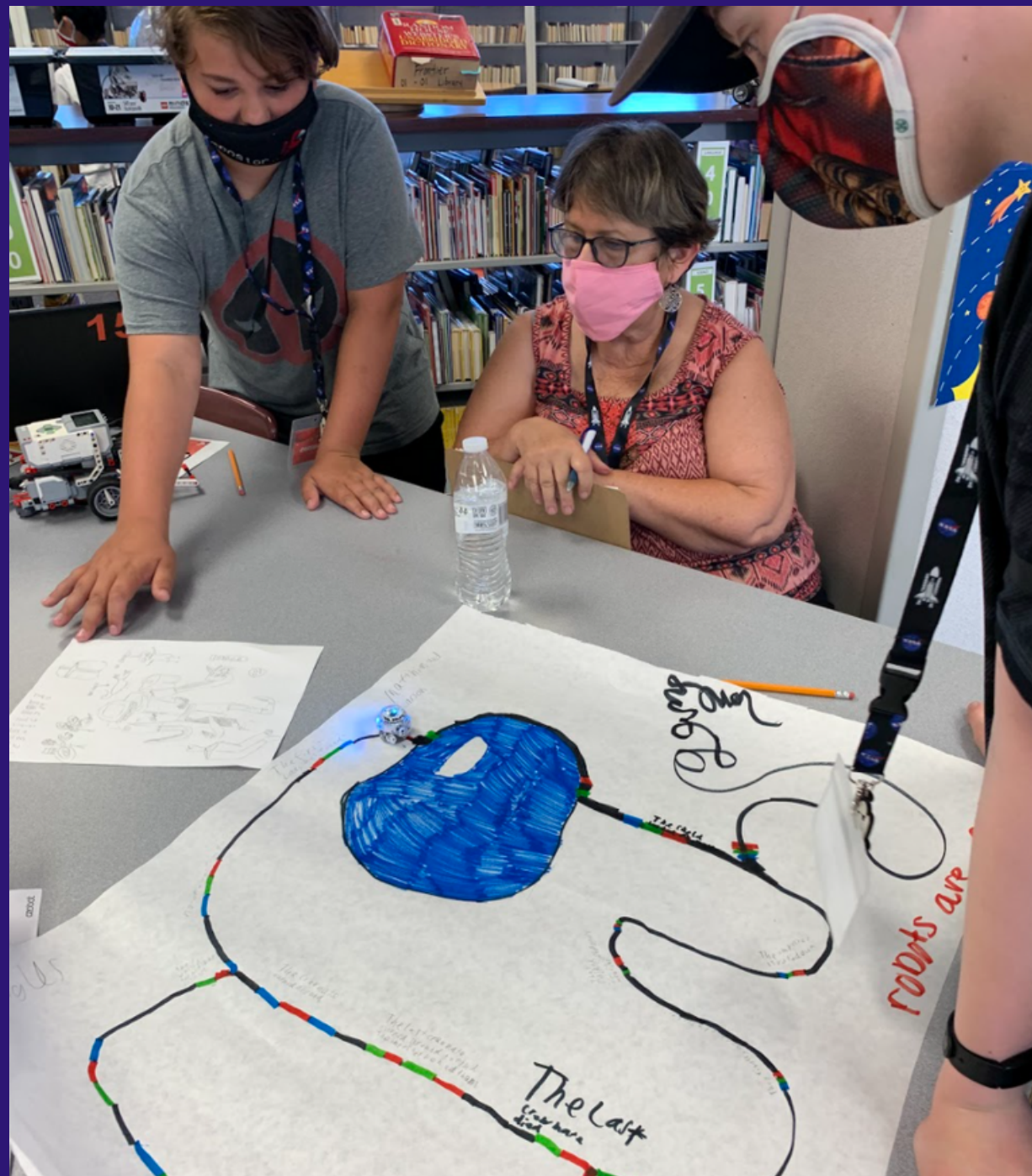
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Straw Rockets and Helicopters from NASA/JPL



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Ozobots



STORYTELLING: <https://www.youtube.com/watch?v=Xd686C5-Ds0>



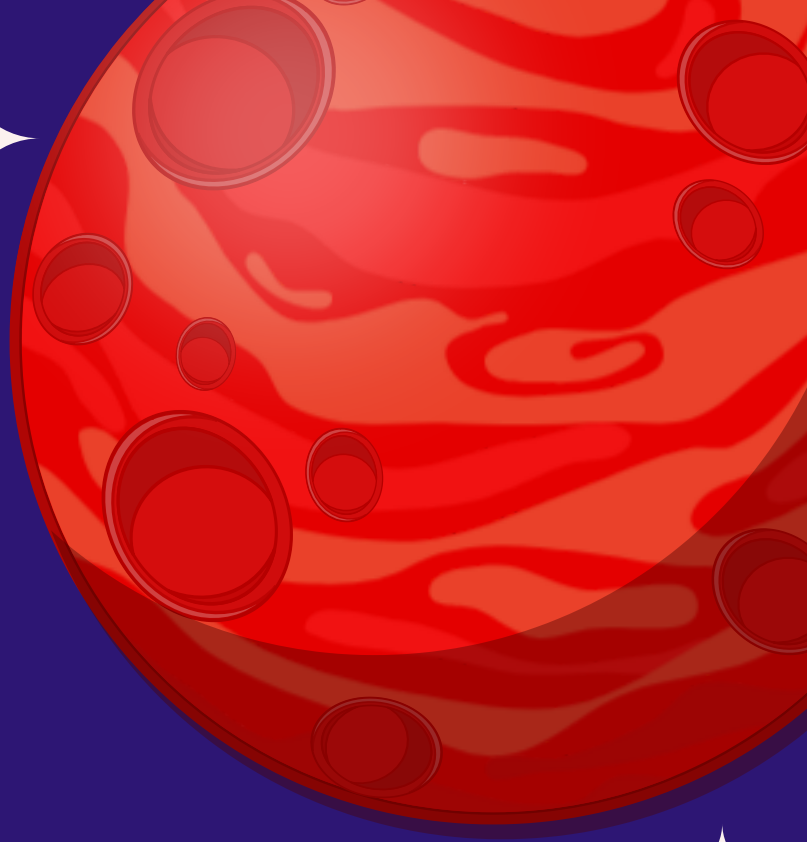
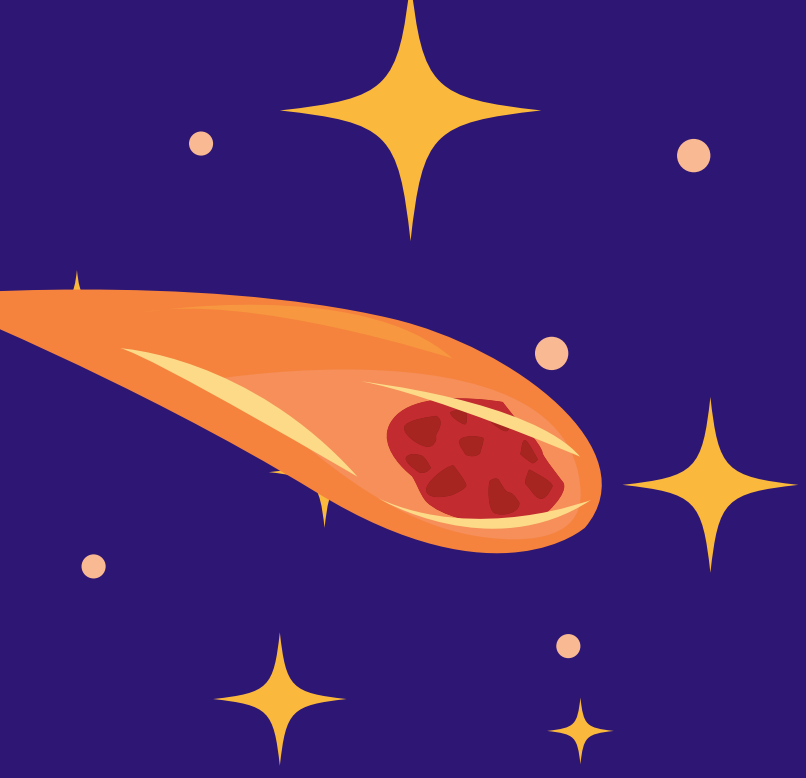
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Ingenuity and Summer Camp Drone

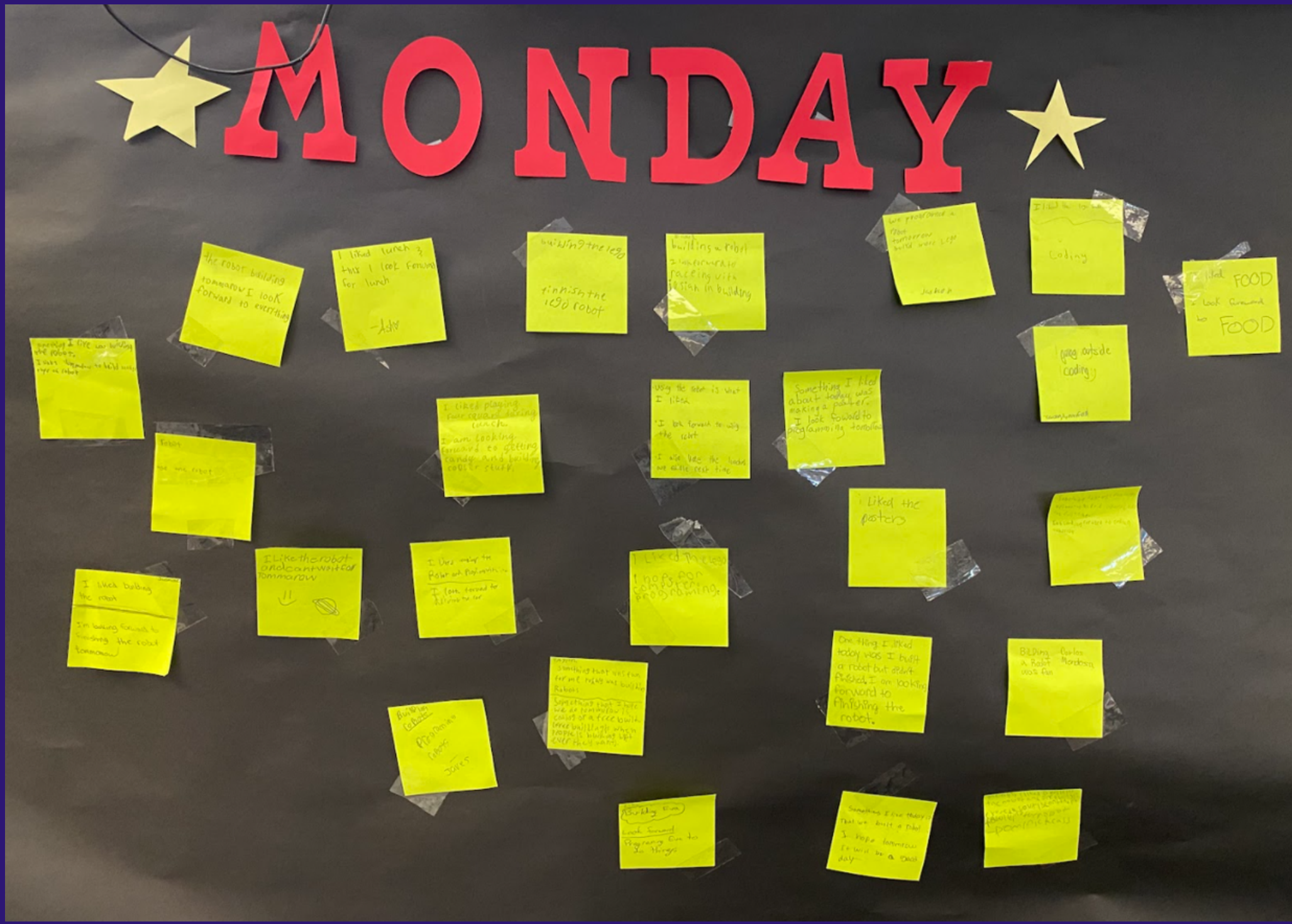


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Reflections



At the
close of
each day



Used to
tweak the
next day's
camp

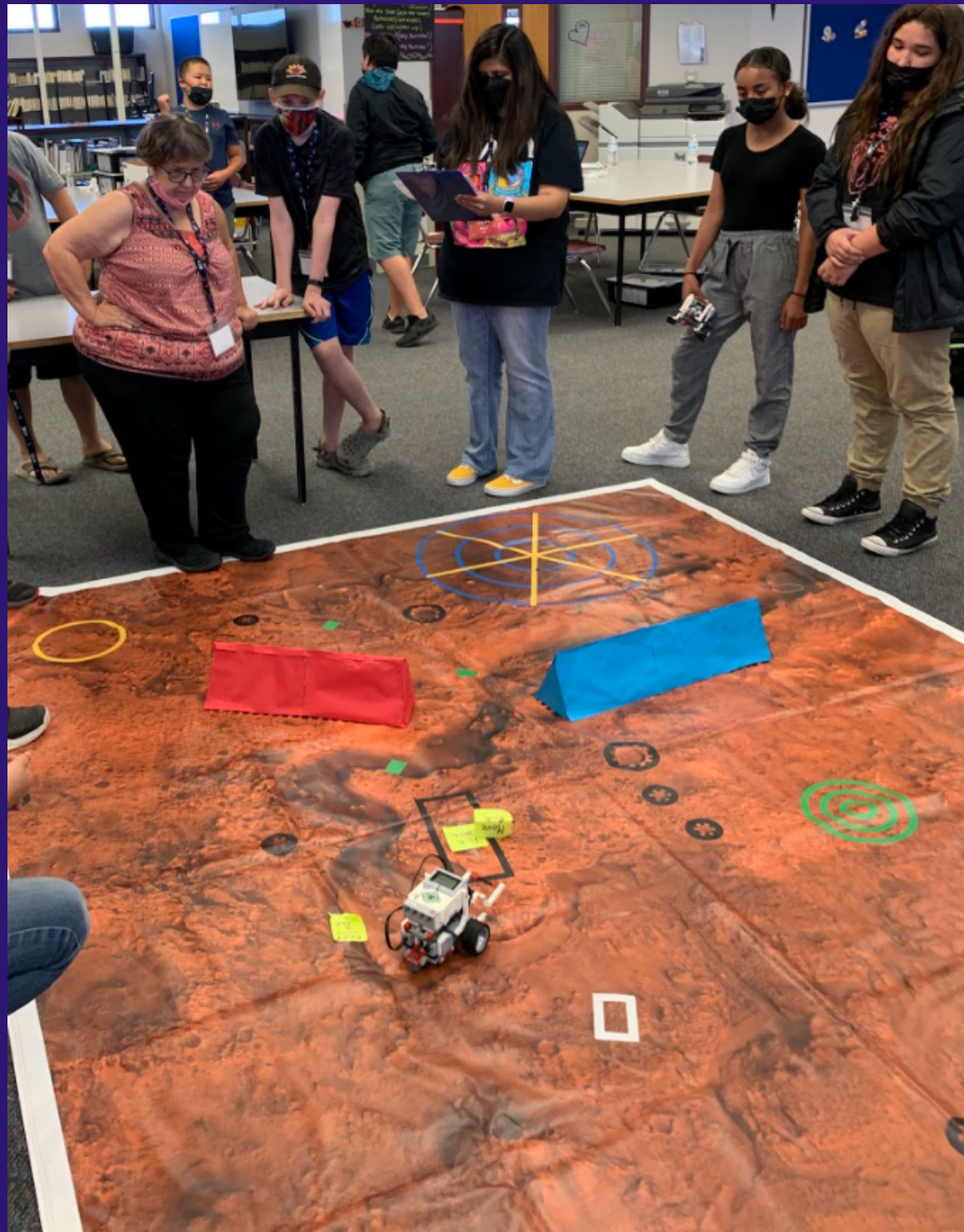
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Final Day Challenge: set down in Jezero Crater



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Final Day Challenge: Complete tasks in Jezero Crater



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Evaluations - 21

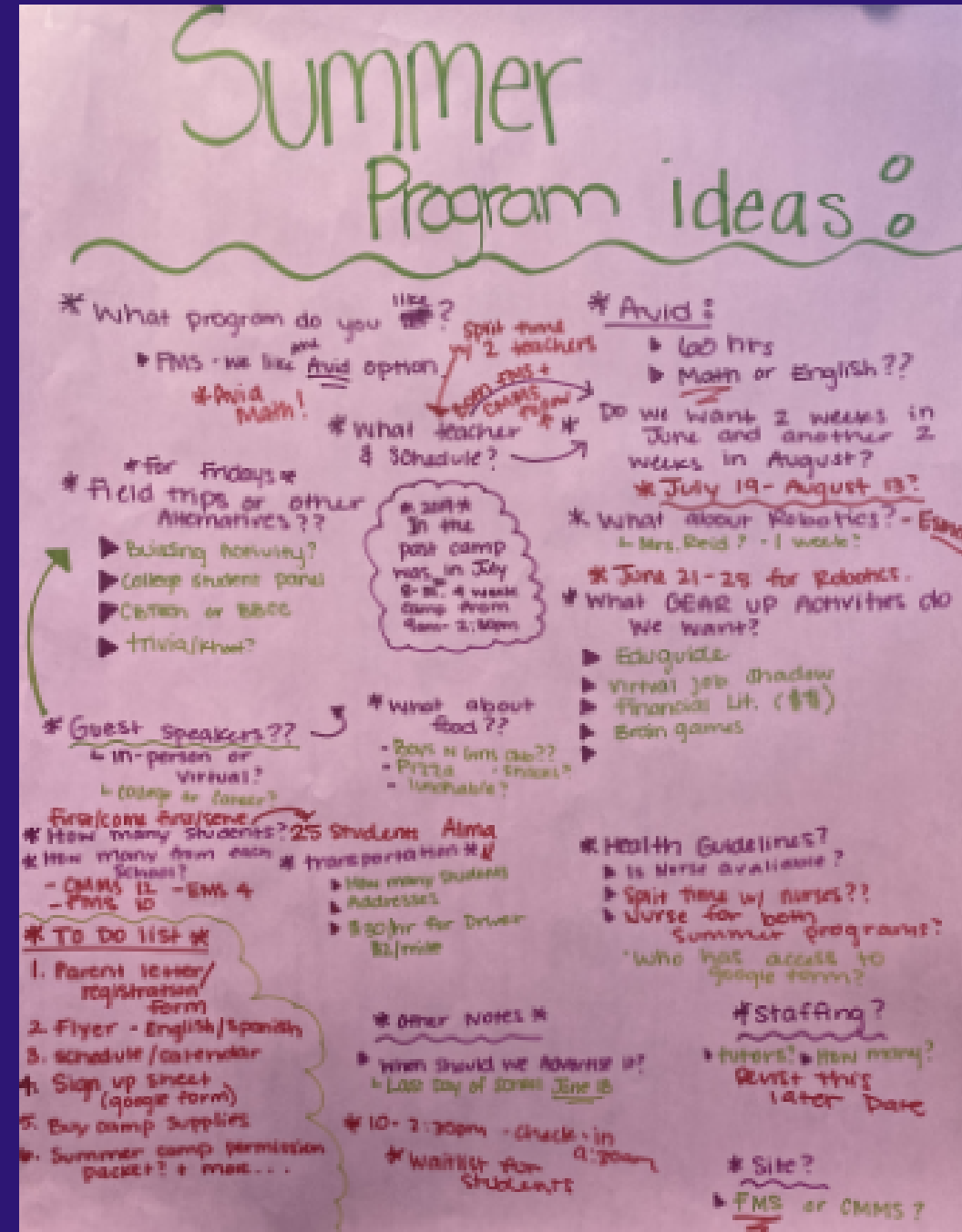
- **Did you enjoy the event?**
 - **95% - Very much/ quite a bit**
 - **5% - Some**
- **How has this event changed your perspective on your future?**
 - **14 % - Learn more about deadlines**
 - **29% - Importance of school involvement**
 - **24% - Know who my resources are at school**
 - **33% - Rethink my career options**
 - **1 - "Helps me to try more."**



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Planning for Summer Camp Implementation

- School permissions
- COVID guidelines
 - Nurse
 - Custodian
- Staffing
 - 3 Site Managers
 - 2 Academic Specialists
 - 4 FMS Tutors
 - 3 CMMS Tutors



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Planning for Summer Camp Implementation

- **Registration packet - English/Spanish**
- **Flyer - English/Spanish**
- **Transportation**
- **Food**
- **Posters/decorations**
- **GEAR UP Team Meetings - biweekly**



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Promoting & Recruiting

- Promotion date **May 10, 2021**
- GEAR UP newsletters/mailings
- District Website and Facebook
- Google Classrooms
- GEAR UP and teachers
- Phone calls
- Email students/parents
- School announcements
- Reminders



AVAILABLE TO CURRENT 6TH & 7TH GRADERS

GEAR UP PRESENTS MISSION TO MARS SUMMER CAMP

LEGO ROBOTICS

DATE: JUNE 21- 25
TIME: 10:00AM-2:30PM
LOCATION: FRONTIER MIDDLE SCHOOL
INSTRUCTED BY: DIANE REID

LIMITED SPOTS AVAILABLE!
REGISTER BY MAY 27TH

REGISTRATION PACKETS IN THE GEAR UP OFFICE!

LUNCH & TRANSPORTATION PROVIDED

ALL EXPENSES PAID BY GEAR UP

QUESTIONS? CALL US (509) 766-2662 EXT 2274

The poster features several logos at the bottom: a circular logo with a gear and the text 'GEAR UP', a red shield with a white 'M', and a circular logo with a stylized 'F' and 'M'.

GEAR UP



Promoting & Recruiting

GEAR UP
FOR A
MISSION TO MARS

WE ARE EXCITED TO HAVE YOU
PARTICIPATE IN OUR ROBOTICS
CAMP!

LOCATION: FRONTIER MIDDLE SCHOOL
DATE: JUNE 21- JUNE 25TH
TIME: 10AM-2:30PM
INSTRUCTED BY: DIANE RIED

JOHN SMITH

BUS ROUTE	LUNCH MENU
<p>AM Pick Up Time: 8:55 AM Location: University Ave & Pine Ave</p> <p>PM Drop Off Time: 3:22 PM Location: University Ave & Pine Ave</p>	<p>Monday:</p> <ul style="list-style-type: none"> Ham & Cheese Sandwich (WW bread) Whole Apple Carrots Milk <p>Tuesday:</p> <ul style="list-style-type: none"> Apple Cinnamon Muffin String Cheese Yogurt Orange Cucumber Sticks Milk <p>Wednesday:</p> <ul style="list-style-type: none"> Deli Turkey Sandwich (WW bread) Whole Apple Celery Sticks Milk <p>Thursday:</p> <ul style="list-style-type: none"> Italian Ham & Pepperoni (WW Hot Dog Bun) Orange Carrots Milk <p>Friday:</p> <ul style="list-style-type: none"> Ham & Turkey Sub Hot Dog buns Apple Cucumbers Milk

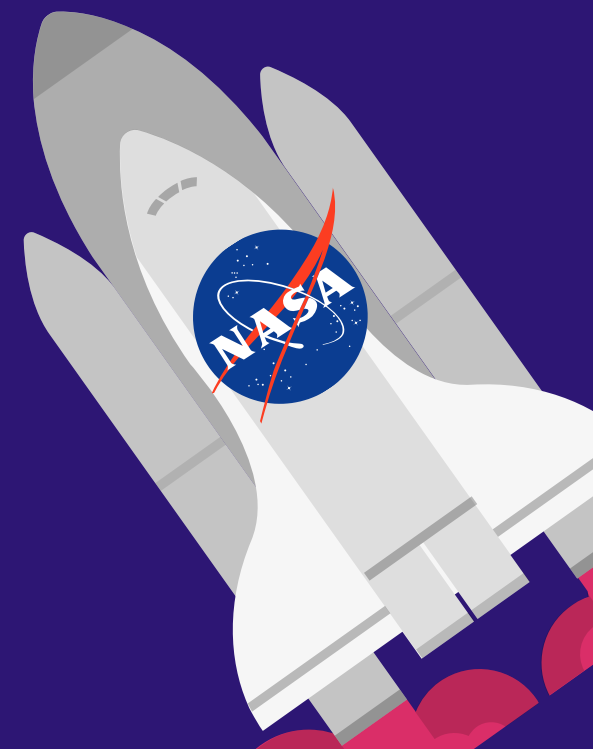
Esmeralda Razo (FMS): erazo@earlyoutreach.wsu.edu 509-766-2662 Ext. 2274
Alma Guzman(CMMS): aguzman@earlyoutreach.wsu.edu 509-766-2661 Ext. 2186

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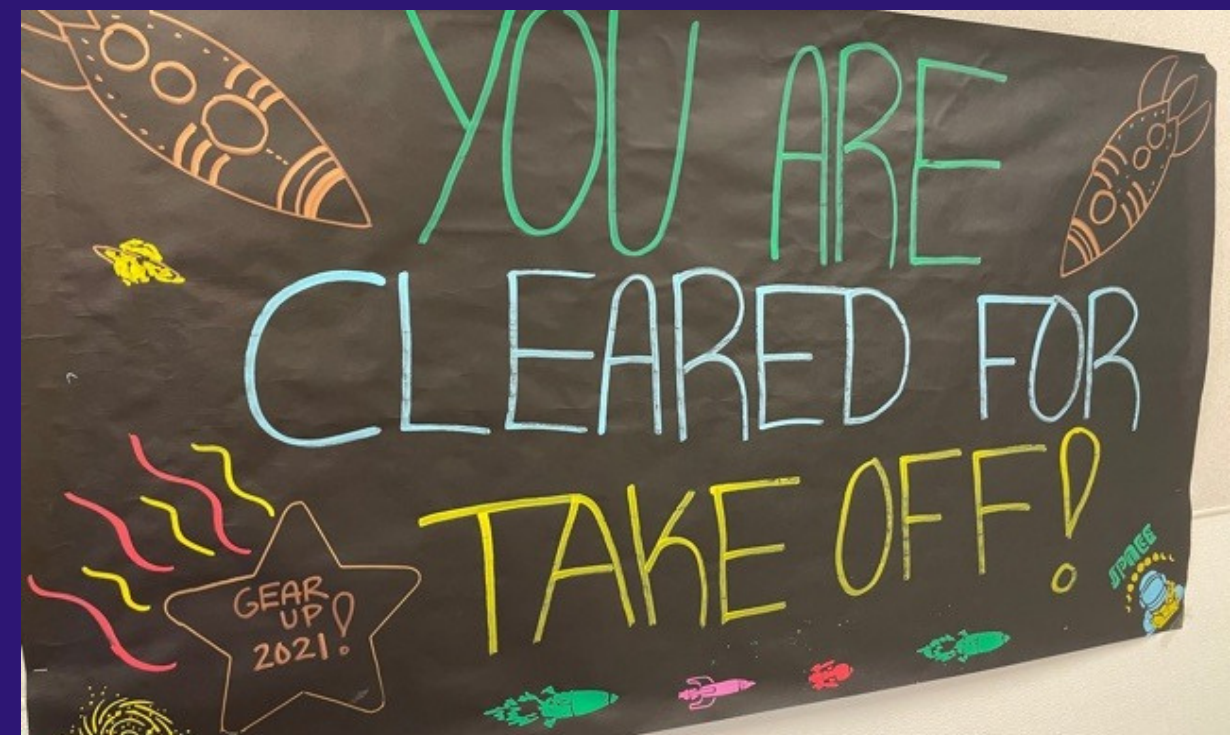
Enrollments

- **26 students between all 3 middle schools**
- **First come, first serve basis**
- **Chief Moses Middle School: 12**
 - **600+ students (6th & 7th grade)**
- **Frontier Middle School: 10**
 - **500+ students (6th & 7th grade)**
- **Endevaor Middle School: 4**
 - **100+ students (6th & 7th grade)**



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Theme



Theme

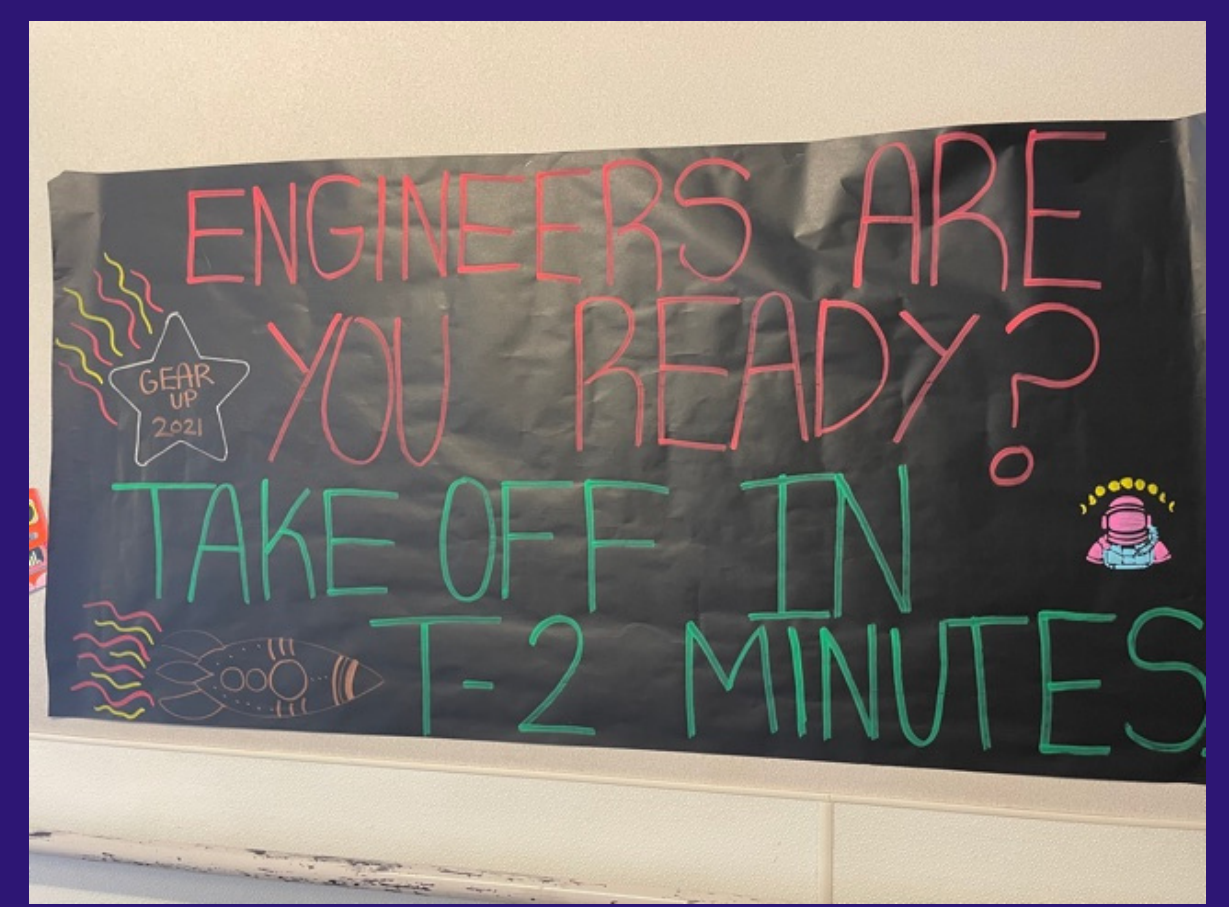
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Theme





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Costs



Description	Collaborative Costs
Instructor	\$2,100.00
Nurse	\$875.00
Transportation	\$2,500.00
Food	\$0
Water	\$12.94
Camp Supplies	\$39.19

Split:
FMS: 40%
CMMS: 40%
EMS: 20%

Total Cost: \$5,527.13



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Description	Costs
Flyers	\$544.17 (FMS) \$333.33 (CMMS)
Postage/envelopes/address labels	\$321.66 (FMS) \$418.12 (CMMS)
Lanyards	\$270.73 (FMS) \$357.36 (CMMS) \$54.25 (EMS)
Remote control drone	\$86.71 (FMS)
Certificates	\$10.24 (FMS)
Entrance poster	\$21.68 (CMMS)

FMS: \$1,233.51
CMMS: \$1,130.49
EMS: \$54.25



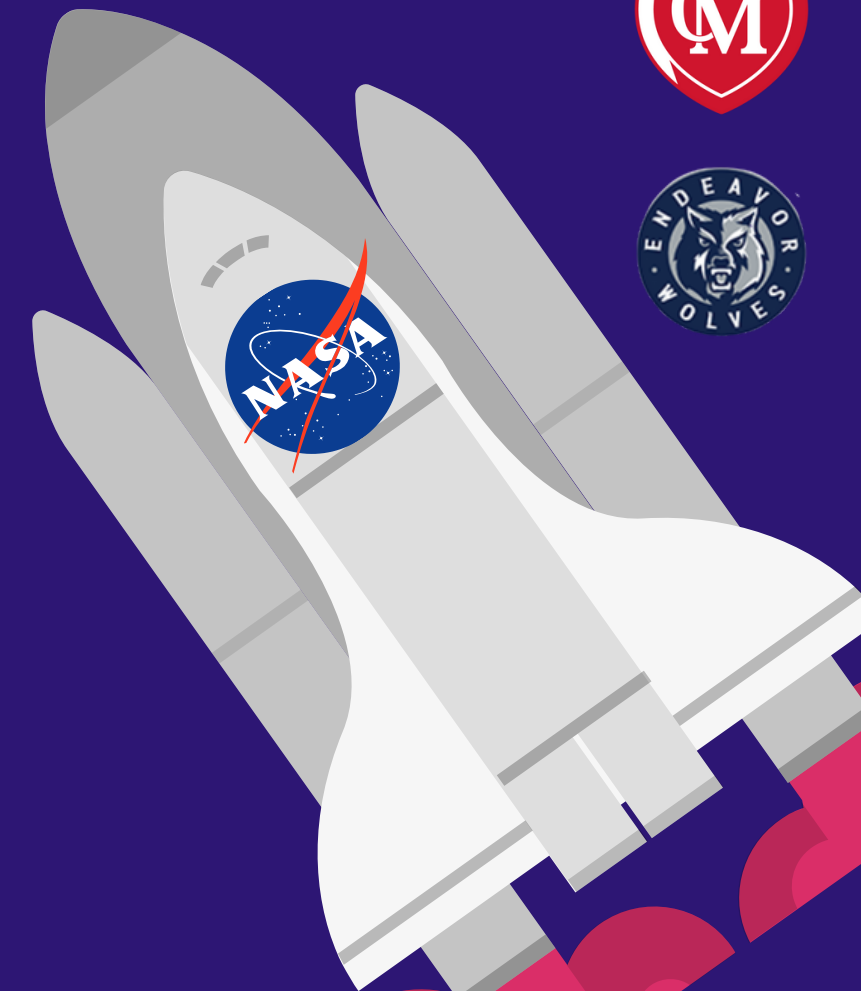
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Student Certificates

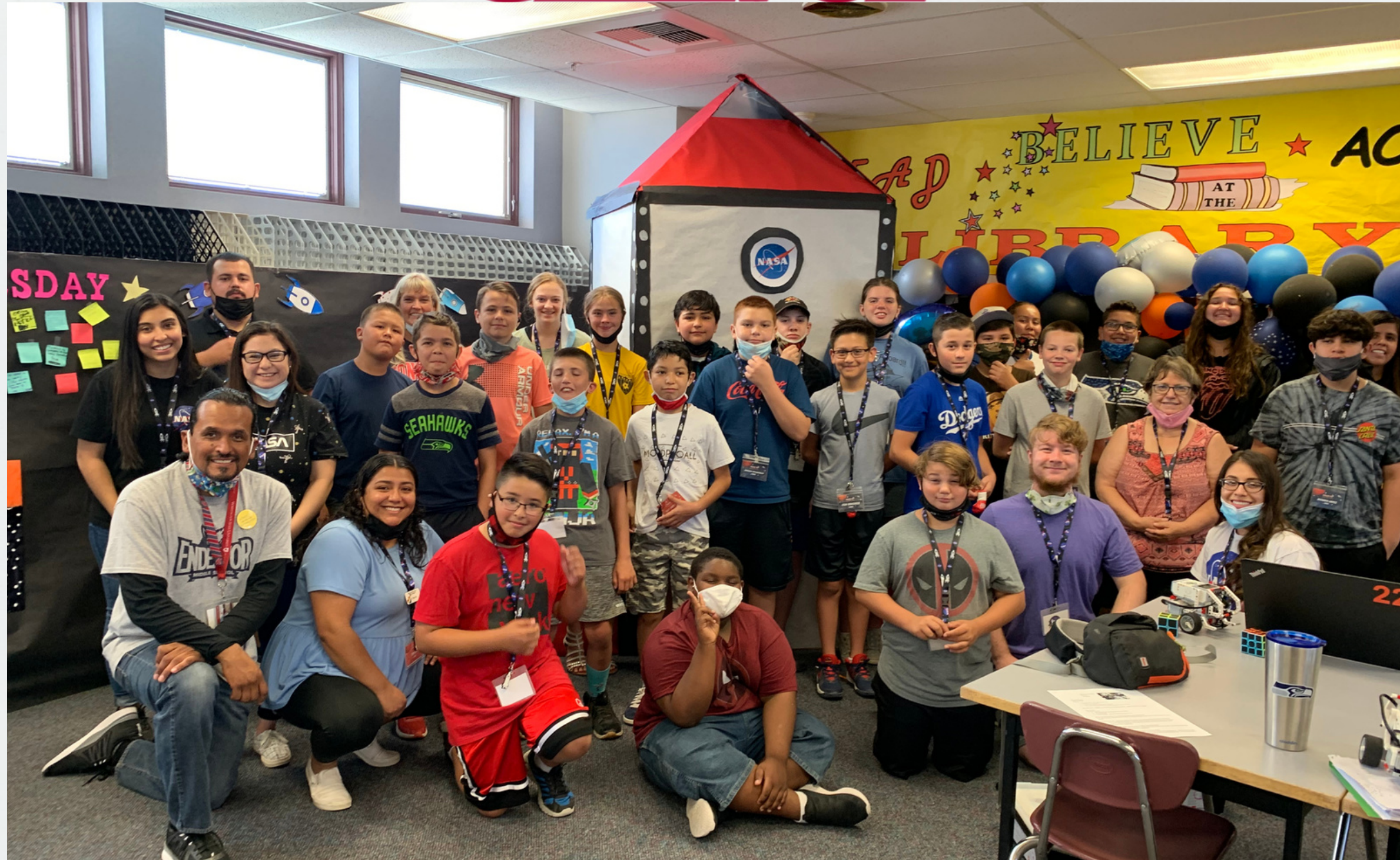
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CERTIFICATE OF
COMPLETION
IS HEREBY AWARDED TO
**ASHLEY
FLORES**
FOR HAVING COMPLETED
MISSION TO MARS ROBOTIC
CAMP.

**MISSION
COMPLETE!**

JUNE 21-25, 2021



GEAR UP



2021

2021

MISSION COMPLETE!



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Slideshow

<https://www.canva.com/design/DAEhfjn5Sg8/IfUaNfAMdSFRcDqcdfna3w/edit>





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Thank you!

- **Moses Lake School District (MLSD) Instructor**
- **MLSD Administration**
- **MLSD Nurse**
- **MLSD Custodians**
- **MLSD Cooks**
- **MLSD Transportation**
- **GEAR UP Staff Members**
- **GEAR UP Administration**





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Questions?

