

# ENTERPRISE IN SPACE



Our future is in the  
settlement of space!



<http://www.enterpriseinspace.org>

# The EIS Team Today:

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# The EIS initiative is to Bring Robust Space Science Curriculum to 21<sup>st</sup> Century Learning through

Lessons,  
outreach  
educational  
materials

Communication  
Skills

Real-world  
hands on  
experience

Collaboration

Critical Thinking

Embracing  
Current Ed  
Standards

Web-based  
learning

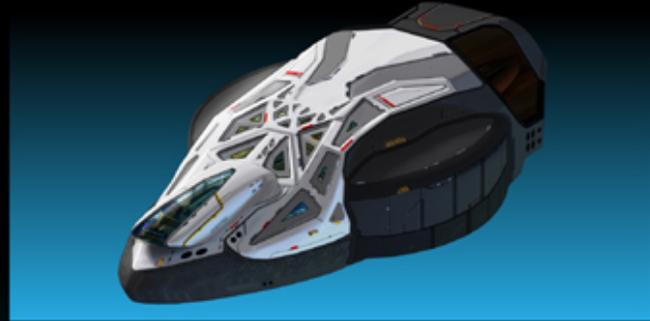
Mentor Support

# The EIS mission...

Design, build, fly and return  
to Earth an **Orbiter**  
Named ***NSS Enterprise***  
containing  
100+ student experiments.

# ENTERPRISE IN SPACE

NSS Enterprise Artistic Concept  
Approx. 9 ft. long and 1000 lbs gross weight



4. Operation:  
Up to 30 days in low Earth orbit  
with 100+ student science experiments

3. Deployment:  
Separate from Launch  
vehicle secondary  
payload

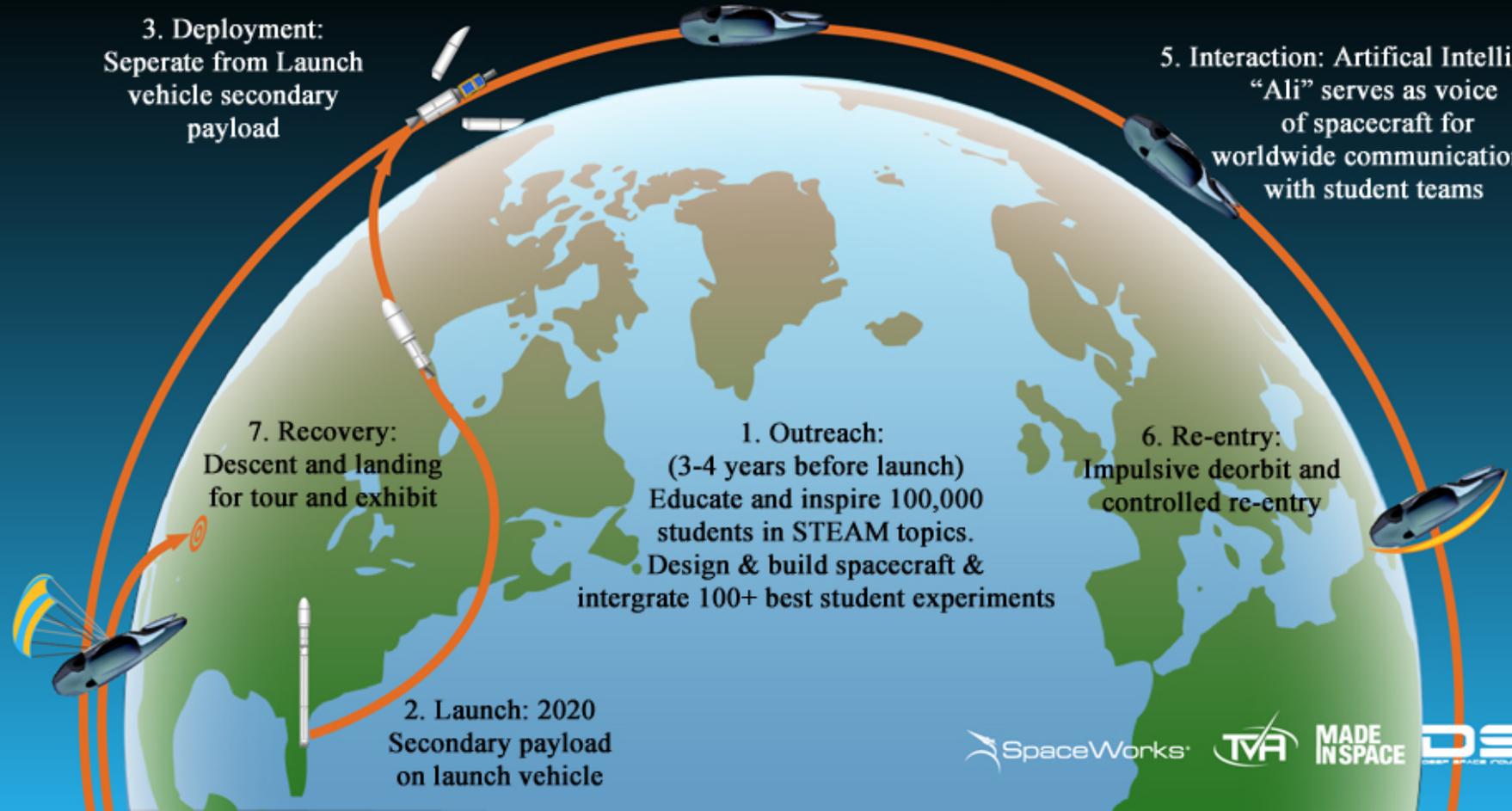
5. Interaction: Artificial Intelligence:  
"Ali" serves as voice  
of spacecraft for  
worldwide communications  
with student teams

7. Recovery:  
Descent and landing  
for tour and exhibit

1. Outreach:  
(3-4 years before launch)  
Educate and inspire 100,000  
students in STEAM topics.  
Design & build spacecraft &  
intergrate 100+ best student experiments

6. Re-entry:  
Impulsive deorbit and  
controlled re-entry

2. Launch: 2020  
Secondary payload  
on launch vehicle





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ACADEMY BY GRADE LEVEL ▾

AVAILABLE FALL 2017: ENTERPRISE CENTERS FOR EXCELLENCE ▾

CONTESTS AND CHALLENGES ▾

EDUCATOR DEVELOPMENT ▾

ACADEMY BY GRADE LEVEL	Aerospace Summer Training and Research Opportunities (ASTRO)	LEO Art Challenge	Welcome to FIS Academy
	Aerospace Additive Manufacturing (Print the Future)	Road Map to Space Settlement Art	Workshop: 2017-10-28 Carthage-Yerkes Electrostatics in Space
Grade PreK-2	Artificial Intelligence	Orbital Debris Mitigation & Remediation	Workshop: 2017-06-29-BTCI-Life in Space!
Grades 3-5	Asteroid Mining Technologies Cybrary	Print The Future	Workshop: 2017-03-11 Yerkes
Grades 5-8	Nanotechnology in Space	Reach for the Stars-N'tl Rocket Competition	Workshop: 2017-02-07 SEEC
Grades 9-12	Orbital Debris Mitigation and Remediation		
University+	Orbiting Space Telescope		
	Regenerative Medicine for Long Duration Space Flight		
	Space Policy and Good Governance		
	Space Solar Power and Power Beaming		

The EIS Academy has electronic copies of all items we are distributing and discussing during today's session.



Please take a moment to connect with:

[www.eisacademy.org](http://www.eisacademy.org)

# Is Space Empty?



[nasa.gov](https://www.nasa.gov)

Let's have a discussion of  
'What is in Space' -