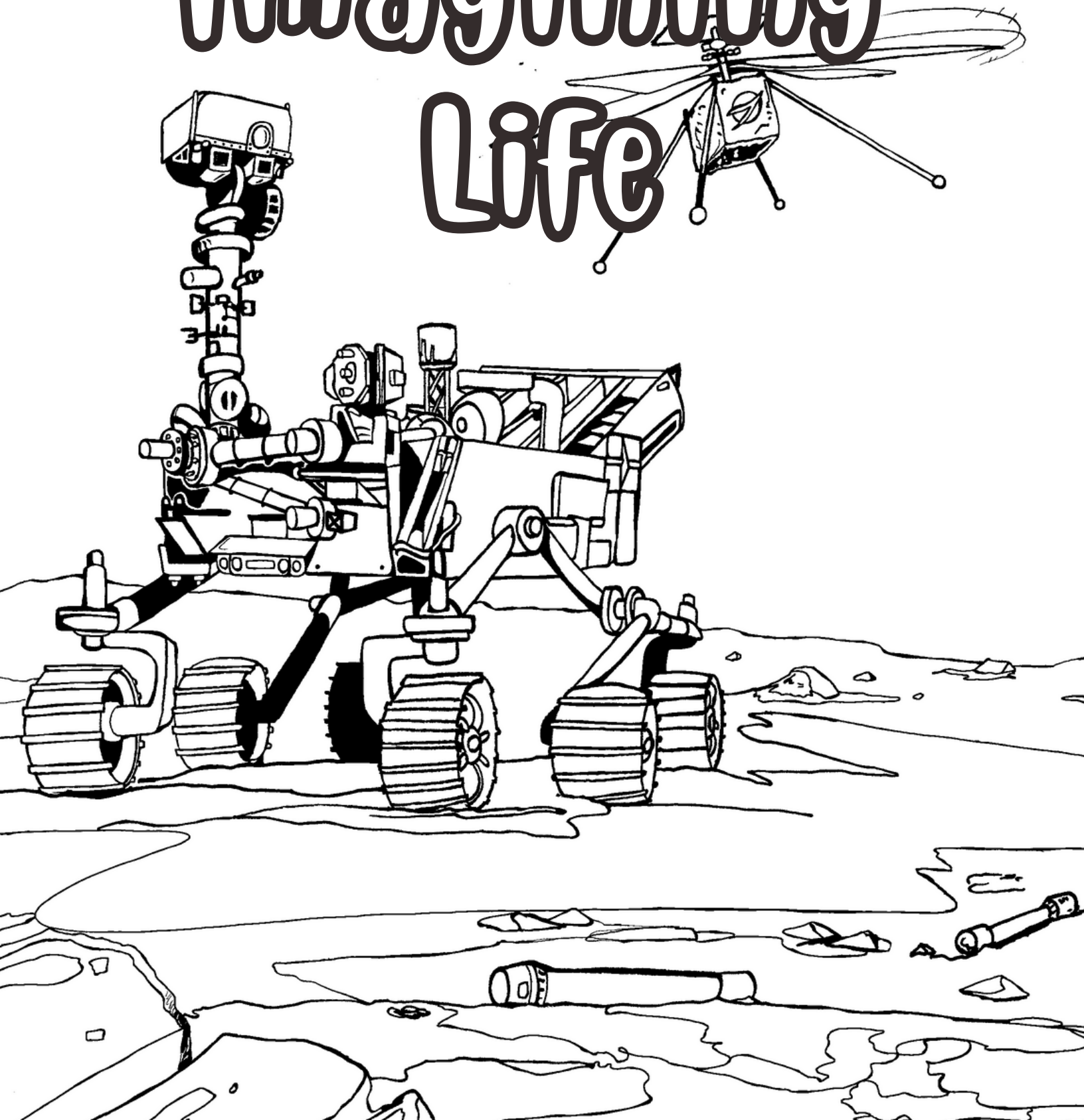




Imagining Life



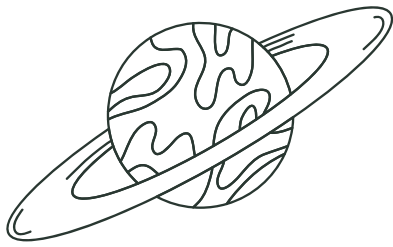


Astrobiology is an exciting interdisciplinary field about the origins, evolution and distribution of life in the universe.

The **Arizona Astrobiology Center** is a hub for many scientific endeavors, providing bold and transformative dialogue to make astrobiology discoveries relevant to the experiences of all people on Earth.

Arizona Astrobiology Center
Charles P. Sonett Space Sciences Building
1541 E University Blvd
Tucson, AZ 85721

aabc.arizona.edu



About Me

Name:

Species:

Continent:

Planet:

Galaxy:

Name of Extraterrestrial

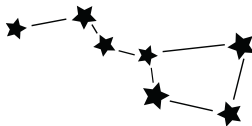
Interesting
Adaptation

Earth Analog(s)

Name of Extraterrestrial

Interesting
Adaptation

Earth Analog(s)



Name of Extraterrestrial

Interesting
Adaptation

Earth Analog(s)

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Adaptation

Earth Analog(s)



Name of Extraterrestrial

Interesting
Adaptation

Earth Analog(s)

Name of Extraterrestrial

Interesting
Adaptation

Earth Analog(s)

What is Astrobiology?

Astro

Biology

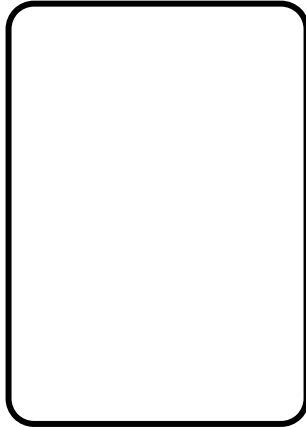
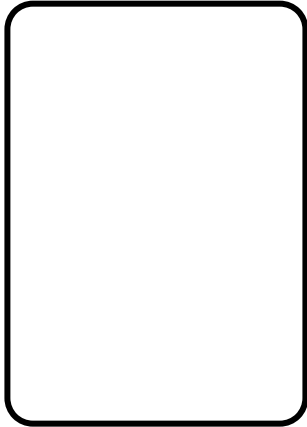
Astrobiology is _____

Extreme Life Form



Environment

Adaptation

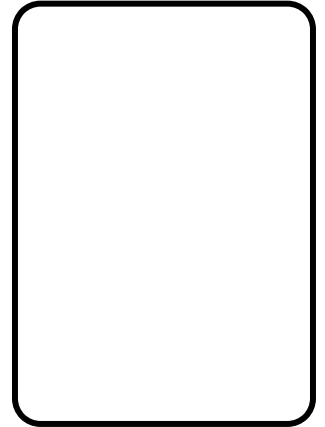


Extreme Life Form

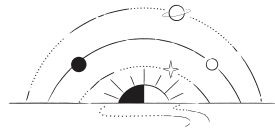


Environment

Adaptation



Extreme Life Form

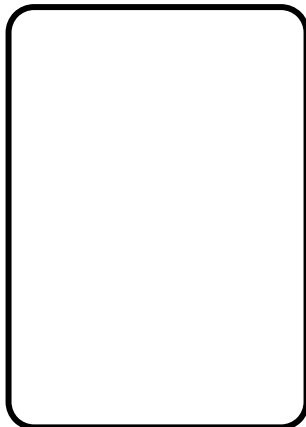
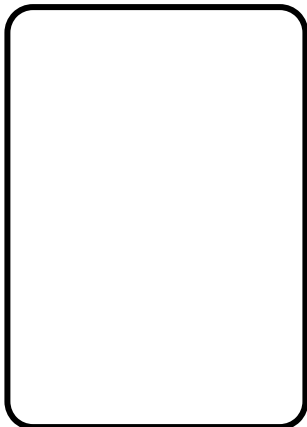


Extreme Life Form



Environment

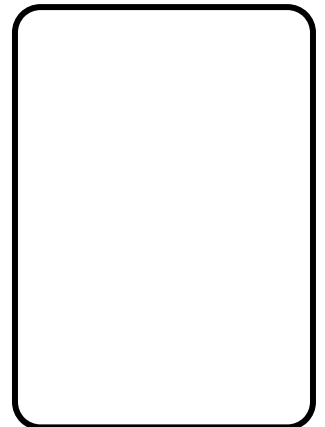
Adaptation





Environment

Adaptation



Extreme Life Form

Environment

Adaptation

Extreme Life Form

Environment

Adaptation

Extreme Life Form

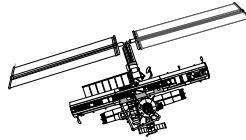
Environment

Adaptation

Extreme Life Form

Environment

Adaptation

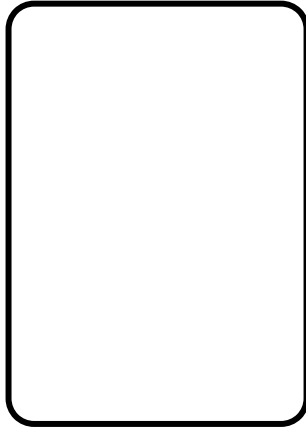
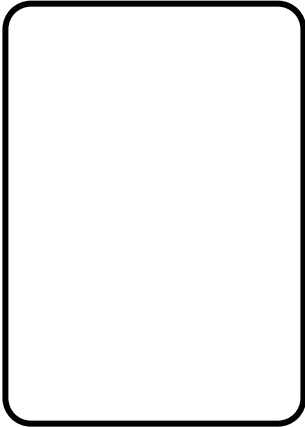


Extreme Life Form



Environment

Adaptation

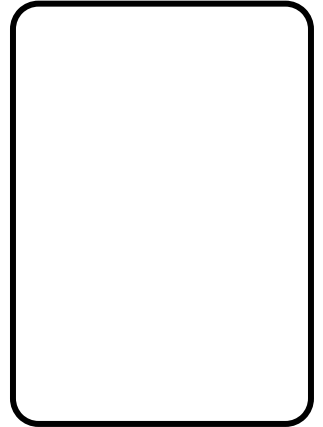


Extreme Life Form

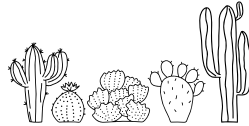


Environment

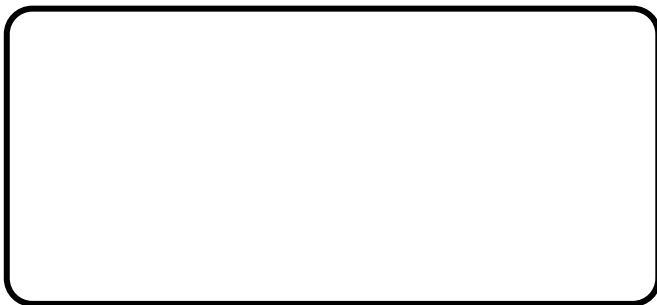
Adaptation



Extreme Life Form

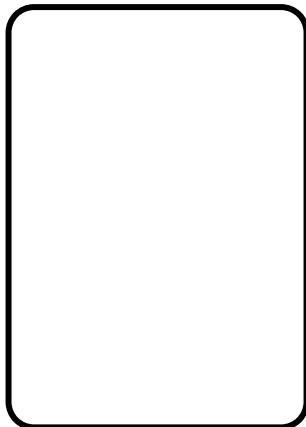
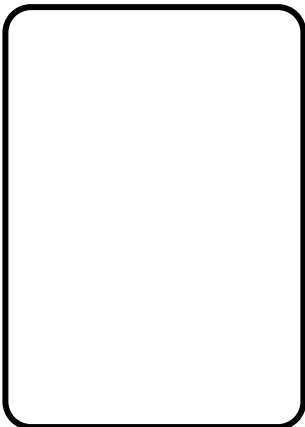


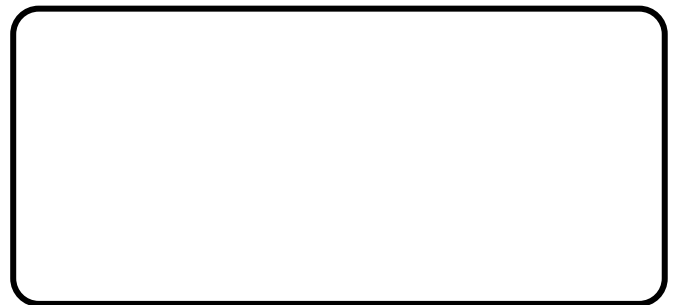
Extreme Life Form



Environment

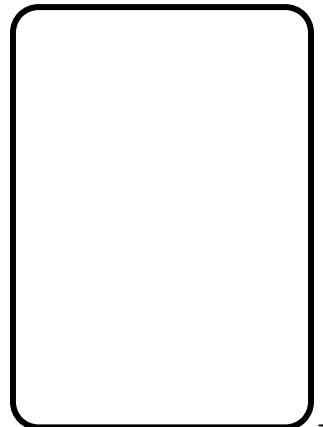
Adaptation





Environment

Adaptation

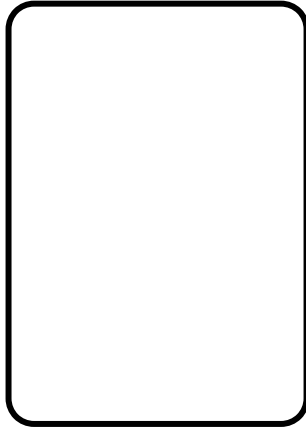
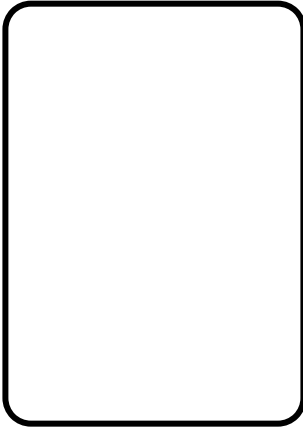


Extreme Life Form



Environment

Adaptation

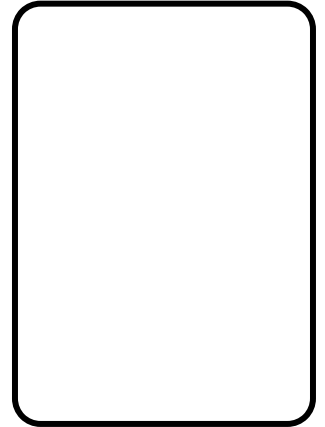


Extreme Life Form

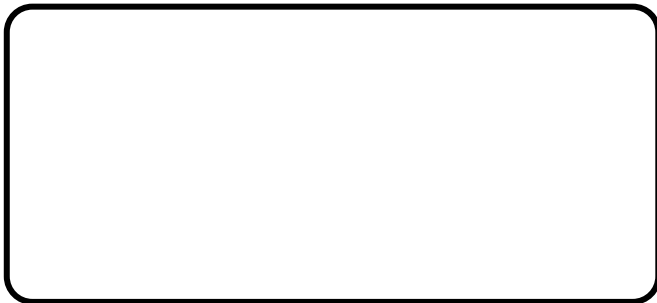


Environment

Adaptation

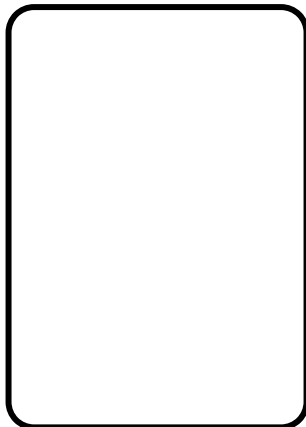
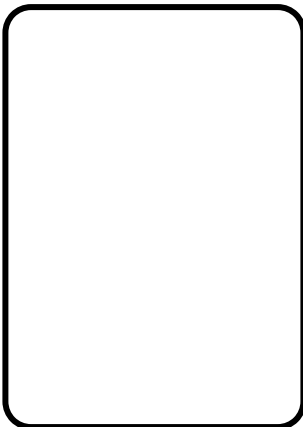


Extreme Life Form

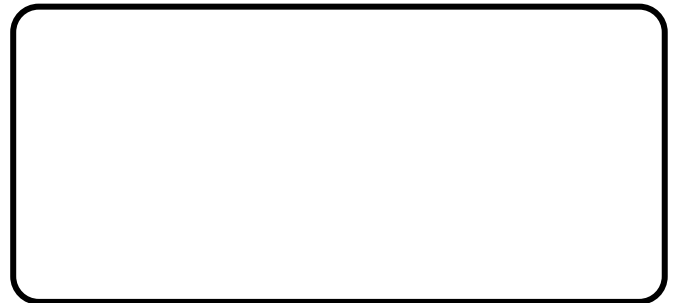


Environment

Adaptation

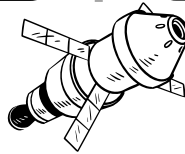
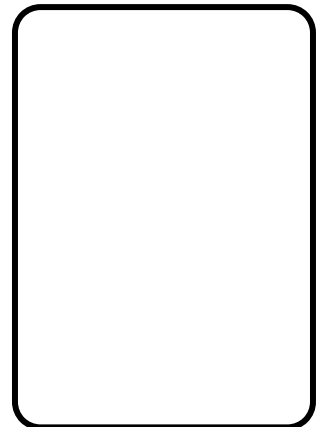


Extreme Life Form



Environment

Adaptation



Extreme Life Form

Environment

Adaptation

Extreme Life Form

Environment

Adaptation

Extreme Life Form

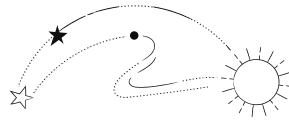
Environment

Adaptation

Extreme Life Form

Environment

Adaptation

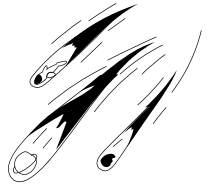


Create an Extreme World



Extreme Environment Inspirations

Create an Extreme Life Form



Extreme Life Form Adaptations

The 4 Components of Astrobiology



Origin of Life

Evolution of Life

Distribution of Life

Future of Life

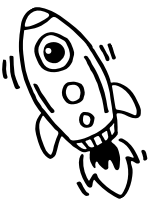
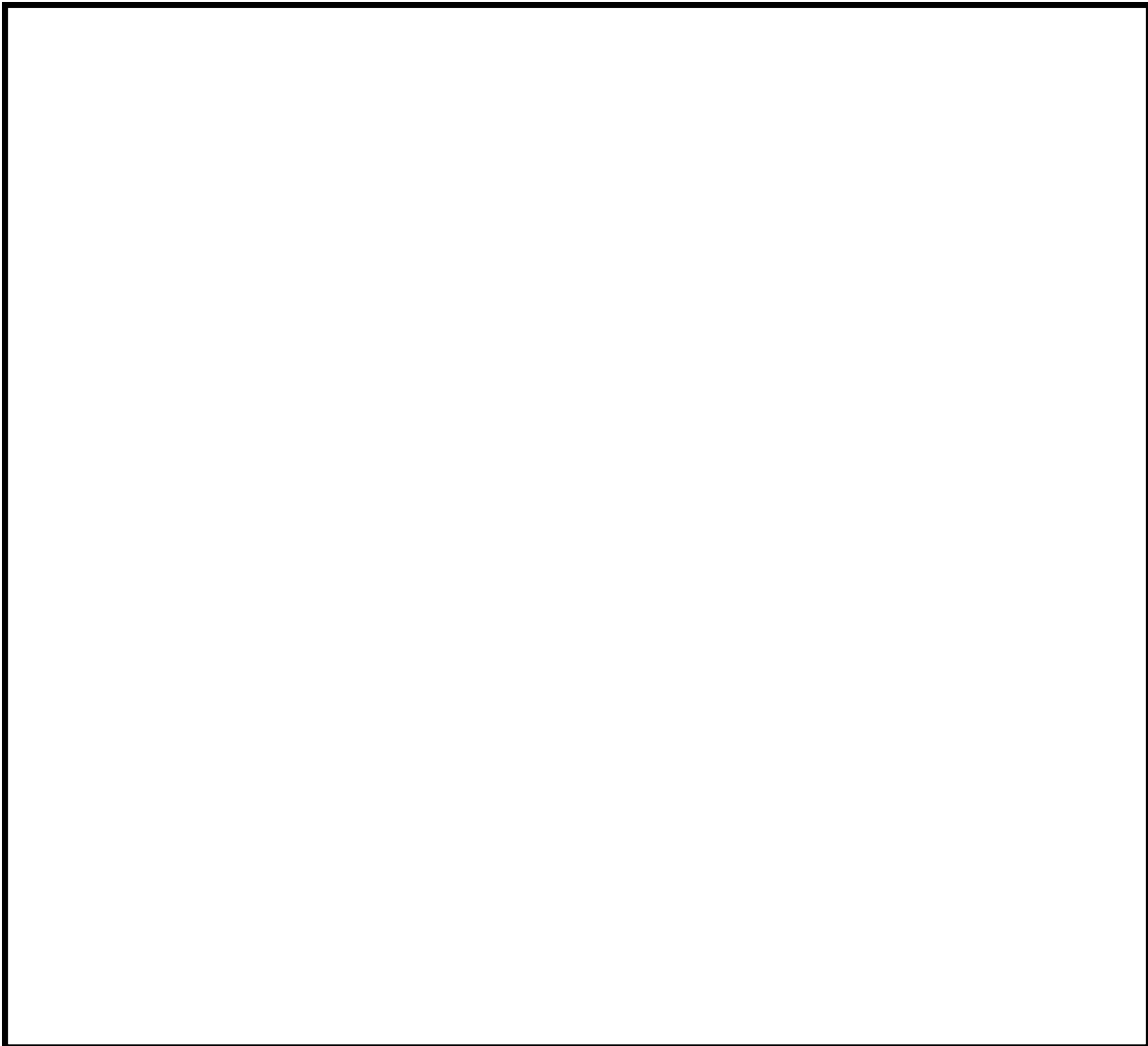
About Me, Part 2

My Strengths, Skills, and Interests:

Career: _____

Strengths, skills, and interests that match
this career: _____

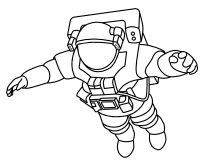
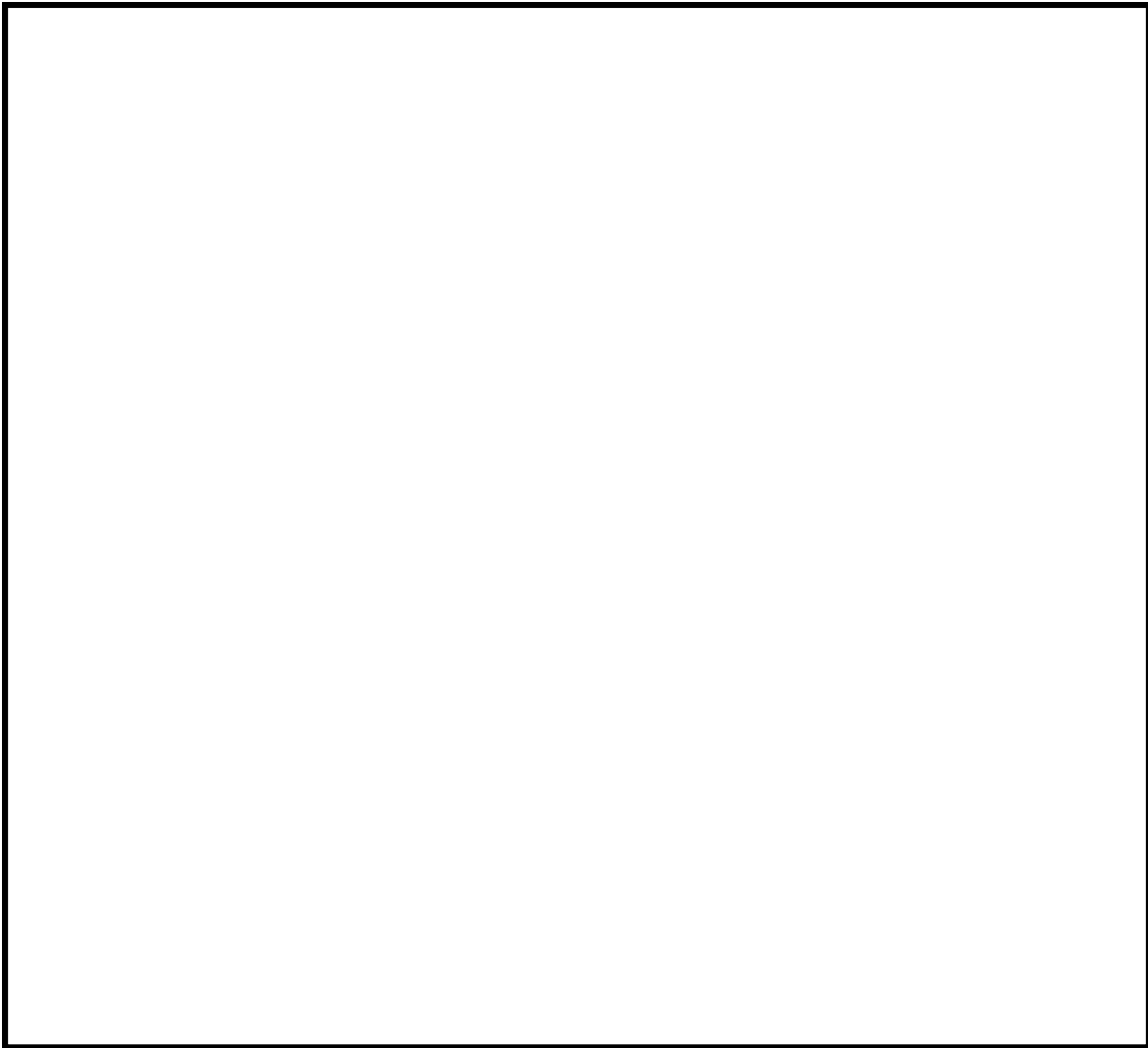
Picturing myself in this career:



Career: _____

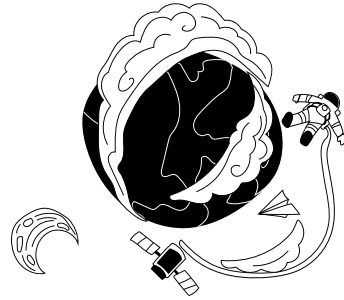
Strengths, skills, and interests that match
this career: _____

Picturing myself in this career:



Mission to: _____

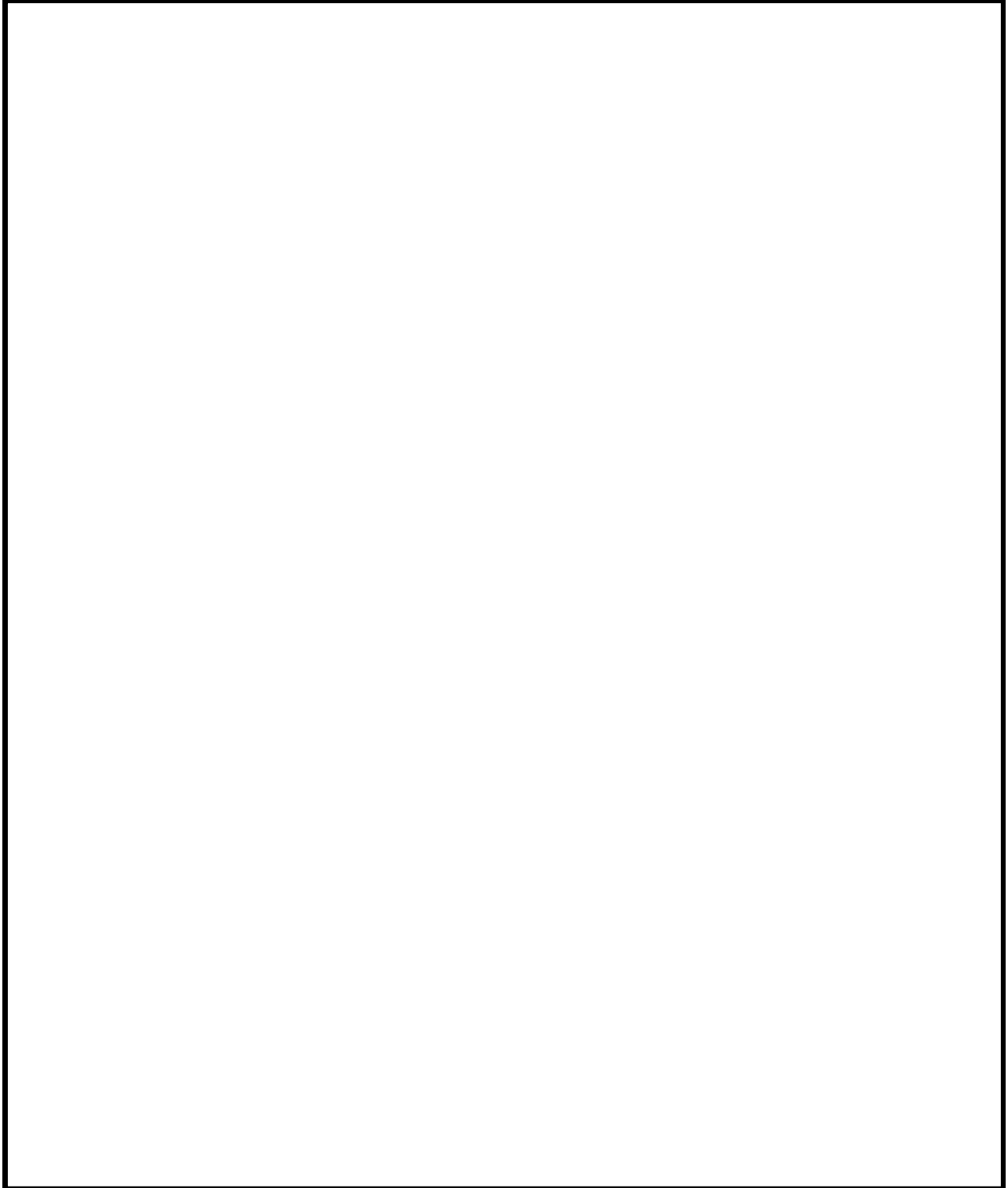
Discussion Questions:



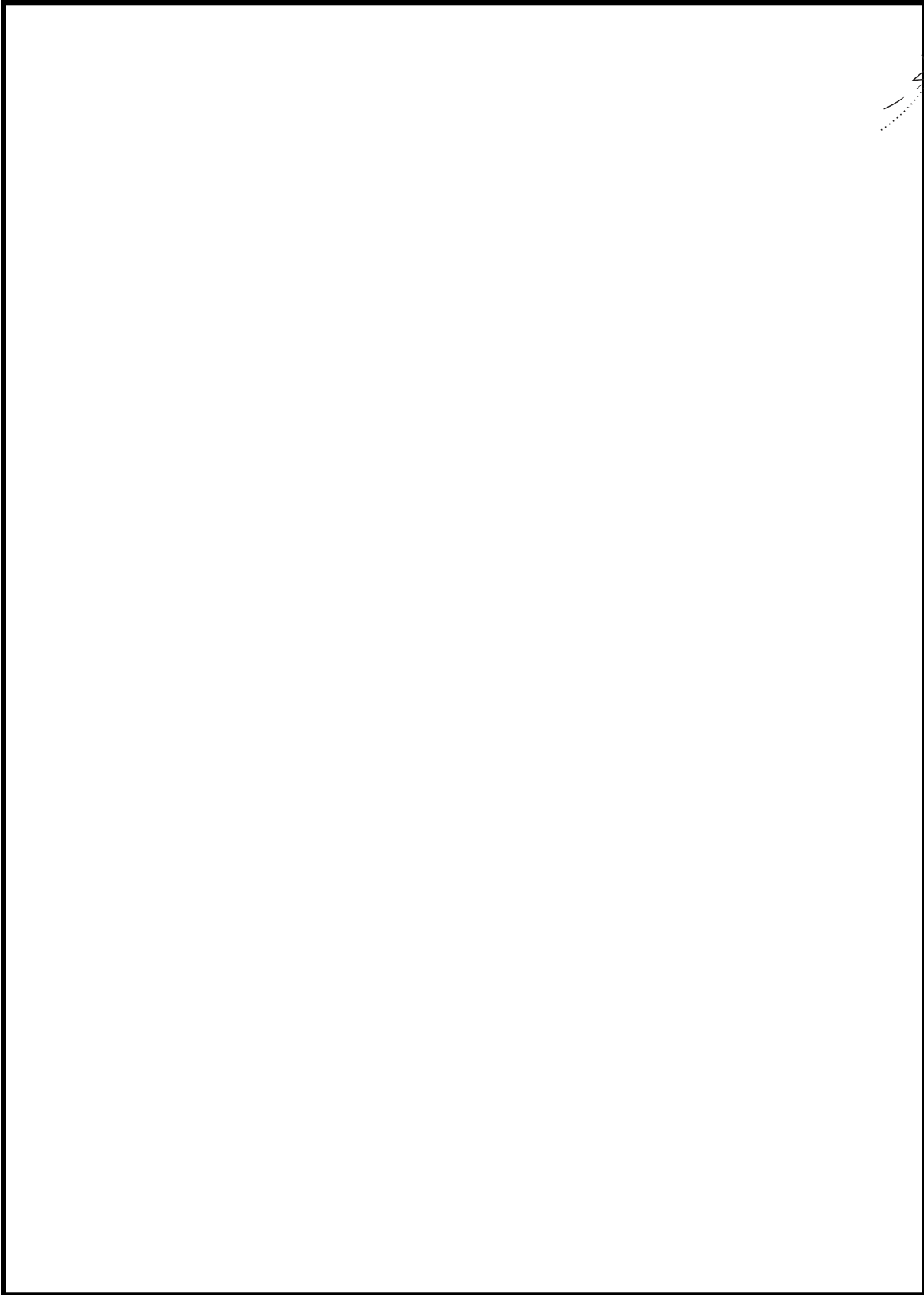
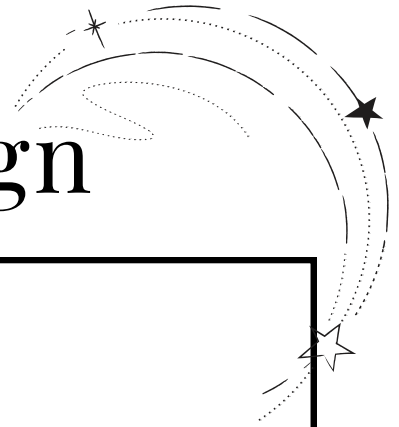
- Why study this world?
- What are our scientific goals for this mission?
- What do we hope to discover?
- What Earth analogues could we study to help prepare us for this mission?
- Is it safe for humans, or should the mission be robotic?
- What challenges might the mission face?
- How will we tackle these challenges?
- How will we avoid contaminating the planet?
- What measures can we take to protect any existing life?
- What instruments or technology will we send? (rovers, drills, life-detection tools, sample return mechanisms)
- How will our different careers contribute to the mission in other ways?

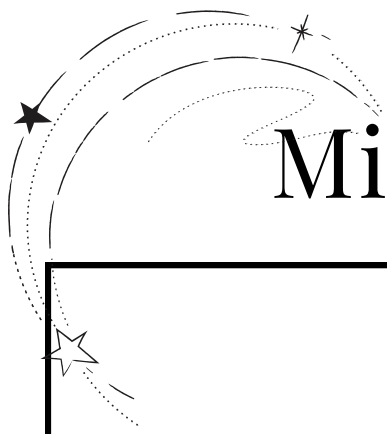
Career Notes

My job on this mission:

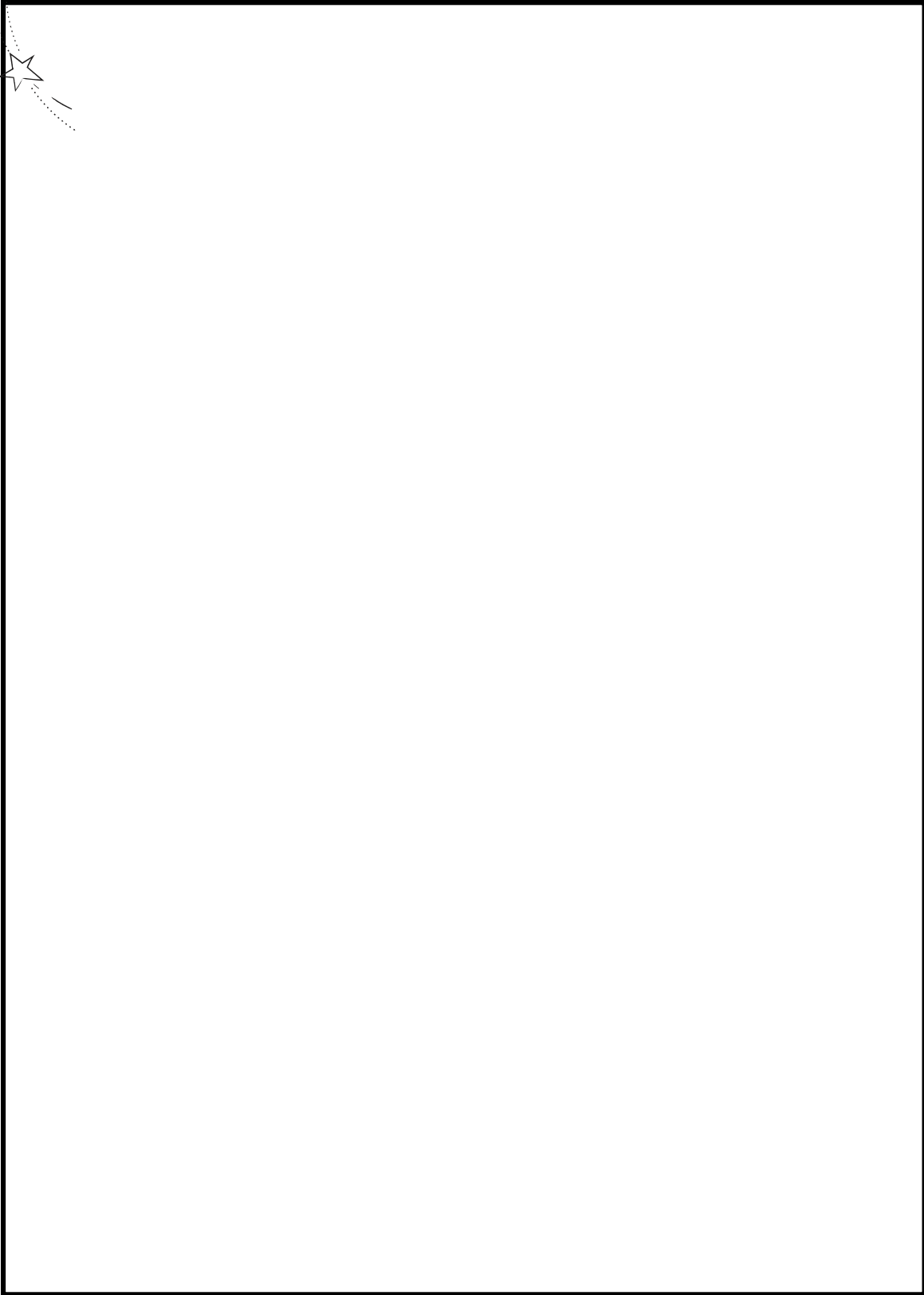
A large, empty rectangular box with a black border, intended for writing notes. It occupies the majority of the page below the introductory text.

Mission Design





Mission Design





Arizona Astrobiology Center
Charles P. Sonett Space Sciences Building
1541 E University Blvd
Tucson, AZ 85721

