

Invent an organism from another dimension

Start with a real space clue. Imagine impossible rules. Design a living system that could survive - then test it like a scientist and a game designer.

GOOD FOR

Ages 9-14 | Families | Clubs | Classrooms

Suggested time: 45-60 minutes. Adult-led for younger designers.

ADULT SETUP

1. Open one credited NASA image or learning page.
2. Ask what is visible before anyone invents an explanation.
3. Keep the space clue real and let the organism become wonderfully strange.

YOU WILL NEED

A pencil, colours, this activity sheet, and one real NASA image or learning page.

PRINT TIP

The activity pages are designed to work in colour or black and white.

Real space starts the question. Your imagination builds the world.
Mythical Void is independent and is not endorsed by NASA.



1 Read a real signal

Choose one real space source. Look carefully before you invent anything.

A

A space image

Use NASA's Astronomy Picture of the Day. Notice colour, shape, light and scale.

apod.nasa.gov/apod/astropix.html

B

A solar signal

Explore how the Sun, solar wind and magnetic fields can affect a world.

science.nasa.gov/heliophysics

C

A possible world

Use NASA JPL's alien-life activities to think about environments and survival.

jpl.nasa.gov/edu

Observation before invention

I OBSERVE

I WONDER

Give your fictional realm three strange rules

Pick one from each row, or invent a better rule. These are story ideas, not claims about real space.

MATTER

☐ Light behaves like a solid

☐ Sound forms crystals

☐ Liquid remembers shapes

☐ Your idea:

TIME AND GRAVITY

☐ Gravity points sideways

☐ Time arrives in waves

☐ Objects fall toward music

☐ Your idea:

ENERGY AND WEATHER

☐ Storms carry thoughts

☐ Heat moves as ribbons

☐ Shadows store energy

☐ Your idea:

Invent the organism

Avoid starting with a familiar animal. Start with what the organism must do.

ORGANISM NAME OR SYMBOL

BODY ARRANGEMENT

- | | |
|---|---------------------------------------|
| ☐ Radial | ☐ Liquid |
| ☐ Colony | ☐ Folded space |
| ☐ Negative space | ☐ Other: |

HOW IT MOVES

- | | |
|--|---|
| ☐ Flows | ☐ Rearranges |
| ☐ Teleports in pieces | ☐ Follows fields |
| ☐ Grows a path | ☐ Other: |

WHAT IT SENSES

- | | |
|---|--|
| ☐ Magnetic change | ☐ Time pressure |
| ☐ Chemical stories | ☐ Gravity |
| ☐ Distant light | ☐ Other: |

HOW IT GETS ENERGY

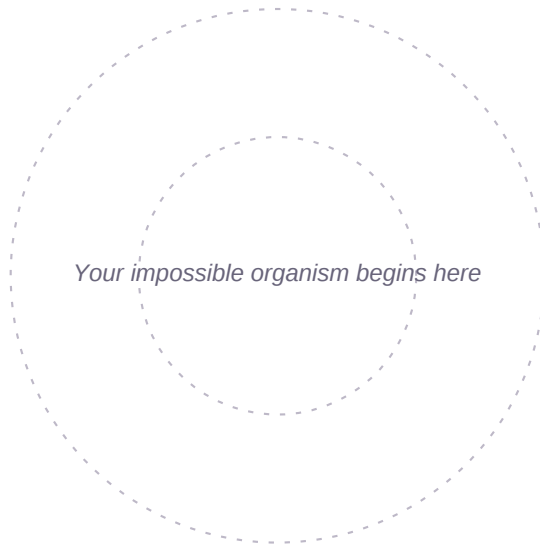
- | | |
|--|---|
| ☐ Light | ☐ Heat |
| ☐ Motion | ☐ Minerals |
| ☐ Electric fields | ☐ Unknown exchange |

HOW IT COMMUNICATES

- | | |
|--|---|
| ☐ Colour geometry | ☐ Shared rhythm |
| ☐ Gravity pulses | ☐ Scent maps |
| ☐ Dream fragments | ☐ Silence patterns |

DRAW THE LIVING SYSTEM - NOT JUST ITS OUTSIDE

Show energy, senses, movement and the part that changes under pressure.



Explain one strange part

This part exists because the realm...

Its power has a cost or tradeoff:

3 Test it like a scientist

A strong idea connects an environment, an adaptation and a tradeoff.

REAL OBSERVATION

From the NASA source, I noticed...

FICTIONAL IDEA

In my realm, I imagine...

TESTABLE PREDICTION

If this happens, then the organism will...

Choose one pressure test

☐ The star suddenly becomes more active.

☐ The realm's gravity rule reverses.

☐ Its usual energy source disappears.

WHAT CHANGES FIRST?

4 Make a story choice

The Void has distorted your organism. It is dangerous - but it may also be frightened.

Your task is restoration, not destruction. What does the player need to understand before choosing what to do?

THE CLUE THAT CHANGES THE PLAYER'S MIND

THE RESTORATION ACTION

Share safely

Keep this sheet at home or in class. If a young designer wants Mythical Void to see an idea later, a parent, guardian or teacher must send it without the child's surname, face, voice, school, location or contact details.

Sources: NASA Open APIs (api.nasa.gov); NASA JPL Education (jpl.nasa.gov/edu); NASA Heliophysics (science.nasa.gov/heliophysics).
NASA material starts the science question. The realms, organisms and story choices are fictional. NASA does not endorse Mythical Void.
Brand emblem created with generative AI and refined for Mythical Void. Activity words and learning design are human-reviewed.