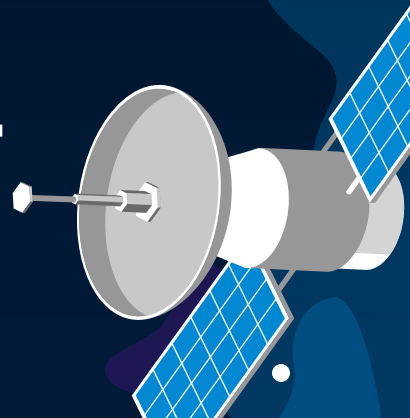


# MISSION ZERO

5 MOZKOVÝCH  
BUŇEK



# OBSAH

**01**  
**SVĚTLO**

**03**  
**VLHKOST**

**02**  
**TLAK**

**04**  
**TEPLOTA**

# SVĚTLO



## THERMAL ENERGY

Despite being red, Mars is actually a cold place full of iron oxide dust



## ELECTRICAL ENERGY

Venus has a beautiful name and is the second planet from the Sun



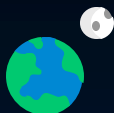
## PHYSICO-CHEMICAL

Neptune is the farthest planet from the Sun. It's really cold there

# TLAK

**H<sub>2</sub>O**

Neptune is the farthest planet from the Sun



**O<sub>2</sub>**

Despite being red, Mars is a cold place

**CO<sub>2</sub>**

Venus has a beautiful name, but it's very hot



**N<sub>2</sub>**

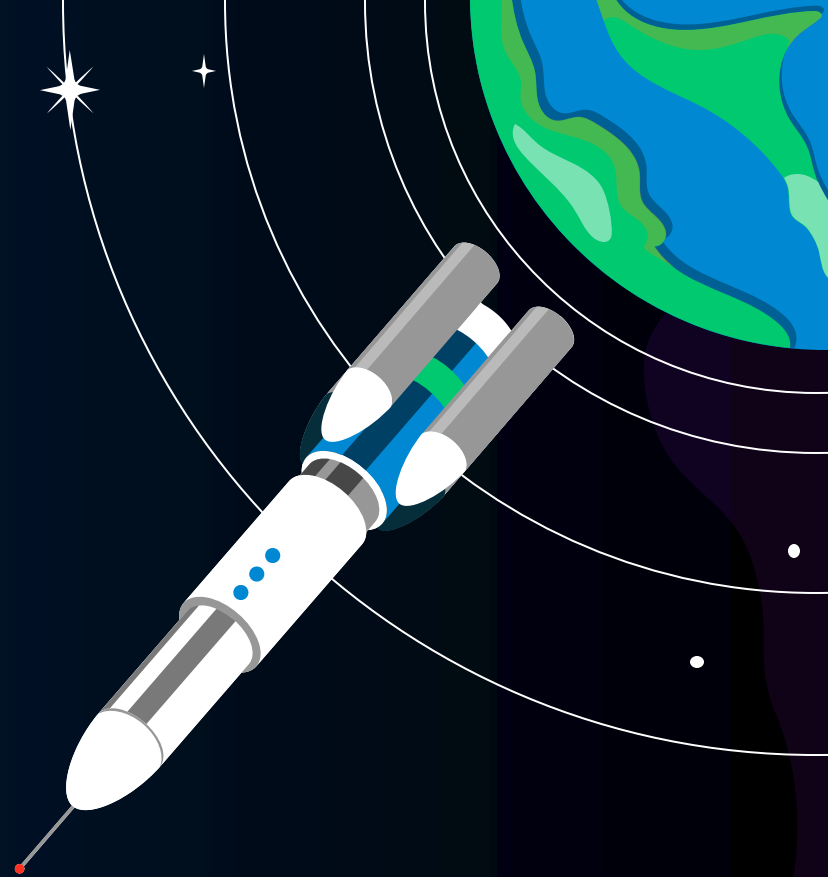
Saturn is the ringed planet and a gas giant

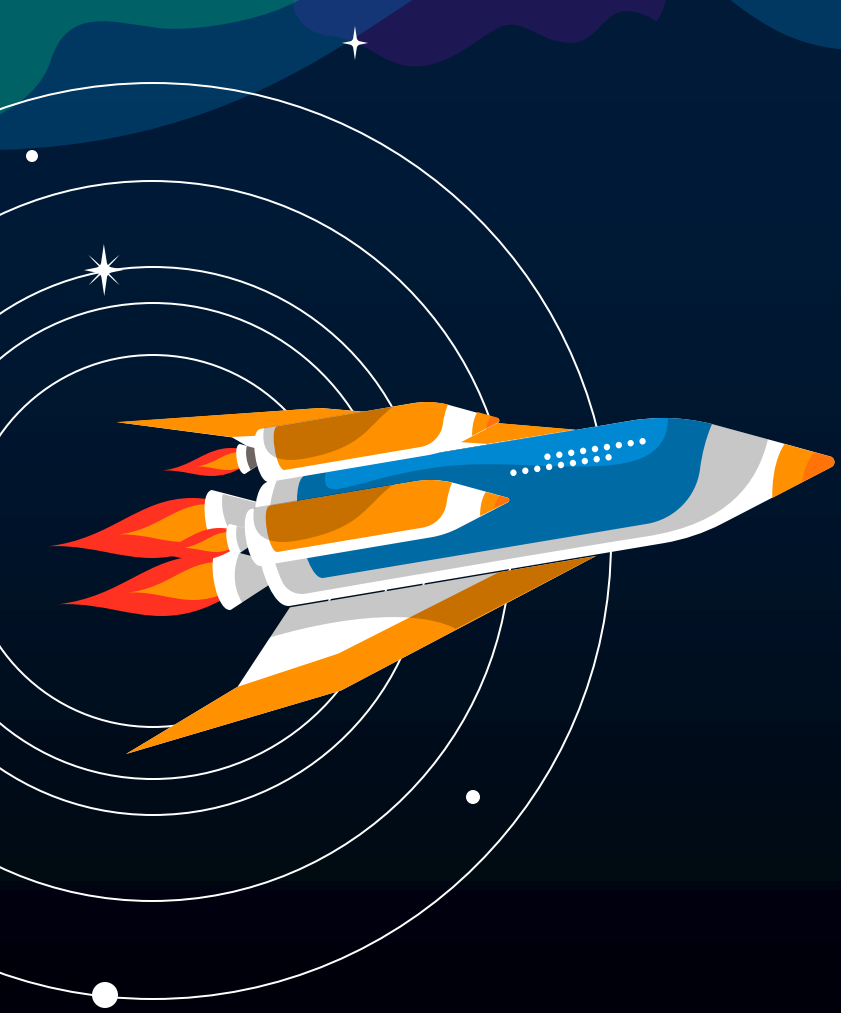
# VLHKOST

Do you know what helps you make your point clear? Lists like this one:

- They're simple
- You can organize your ideas clearly
- You'll never forget to buy milk!

And the most important thing: the audience won't miss the point of your presentation





# TEPLOTA

You can give a brief description of the topic you want to talk about here. For example, if you want to talk about Mercury, you can say that it's the smallest planet in the entire Solar System

The background is a dark space scene. On the right, a large, dark planet with a thin blue atmospheric ring is visible. In the upper center, a bright sun or star is surrounded by several smaller stars of varying sizes. The left and right edges of the image are decorated with abstract, wavy shapes in shades of green and purple. The text 'vysvětlivky' is written in a bold, white, sans-serif font in the lower-left area.

**vysvětlivky**

**7/14**



# MISSION SPACE LAB

5 MOZKOVÝCH  
BUNĚK

8/14



# OBSAH

**SLIDE 1**

**01**

**02**

**SLIDE 2**

**SLIDE 3**

**03**

**04**

**SLIDE 4**



# 9h 55m 23s

Jupiter's rotation period

# 333,000

The Sun's mass compared to Earth's

# 386,000 km

Distance between Earth and the Moon

10/14

# FUNCTIONS OF THE ATMOSPHERE

## ATMOSPHERIC FRICTION

Despite being red, Mars is a cold place

## CONSTANT VELOCITY

Neptune is the farthest planet from the Sun

## BIOGEOCHEMICAL CYCLES

Mercury is the closest planet to the Sun

## SOLAR RADIATION FILTER

Saturn is the ringed planet and a gas giant

## GREENHOUSE EFFECT

Venus has a beautiful name, but it's very hot



12/14

"This is a quote, words full of wisdom that  
someone important said and can make the  
reader get inspired."

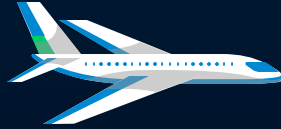
**—SOMEONE FAMOUS**

# WHAT IS IN THE EARTH'S ATMOSPHERE?

Guiding you from the object, identify in which earth's atmospheric layer it is located

## PASSENGER PLANE

Write the answer  
here

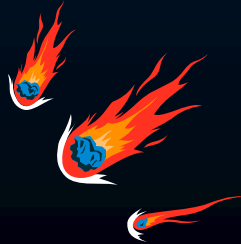


## RADIOSONDE

Write the answer  
here

## METEORS

Write the answer  
here



## SATELLITE

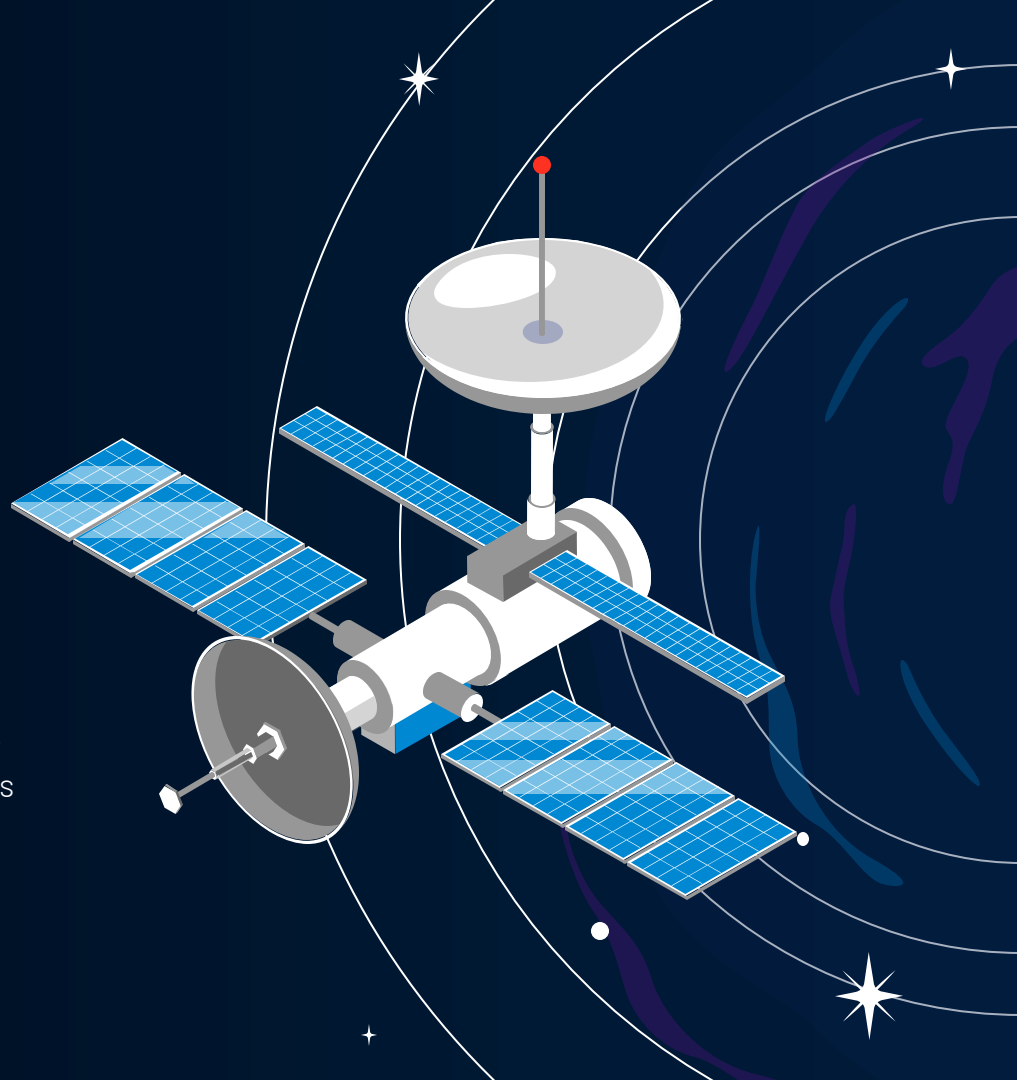
Write the answer  
here



**DĚKUJEME ZA  
POZORNOST**

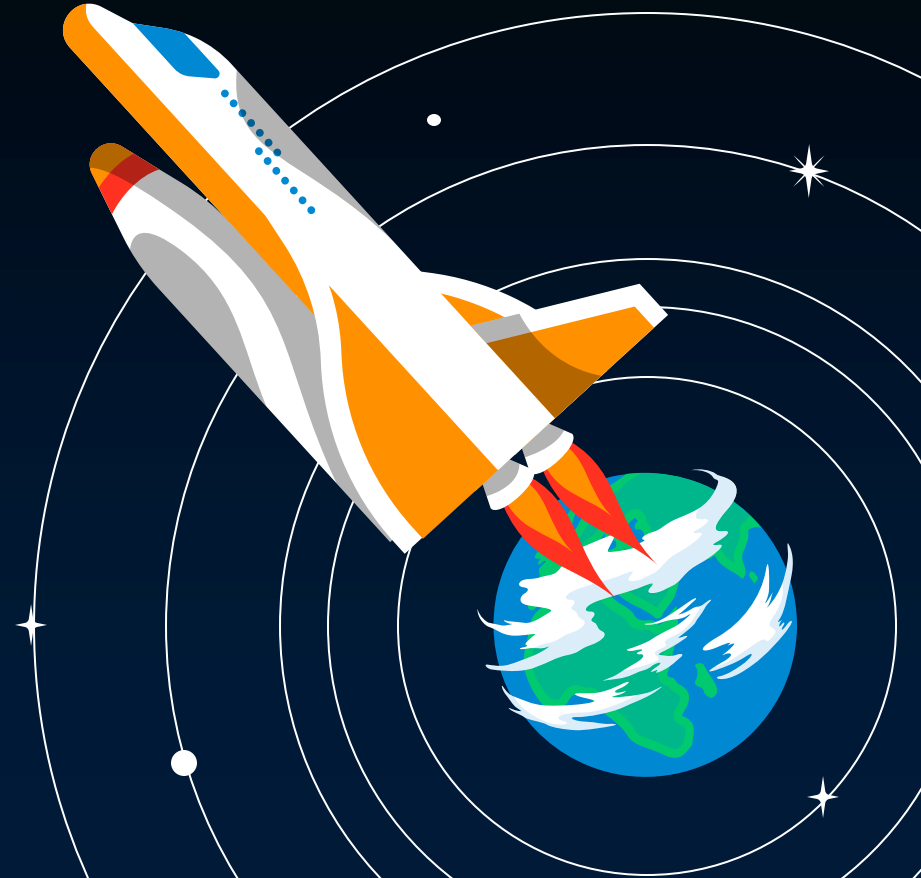
# THANKS!

CREDITS: This presentation template was created by  
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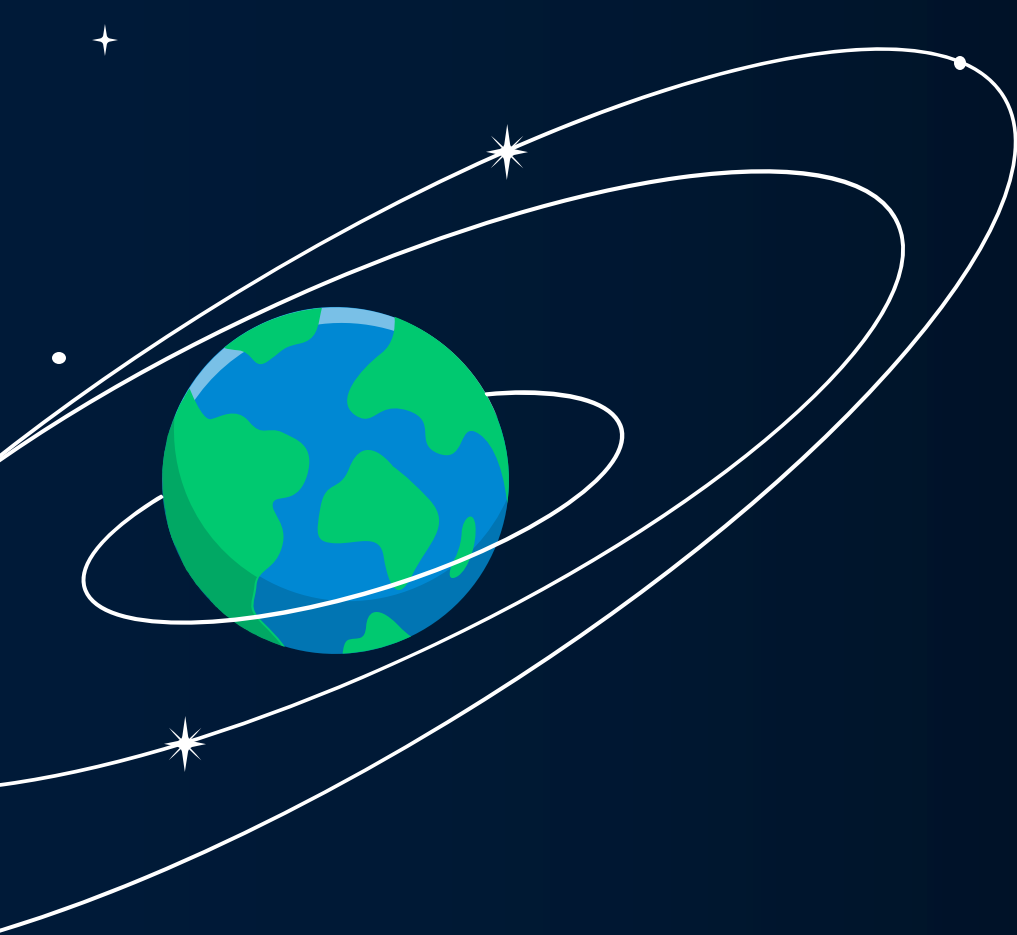


# WHOA!

This can be the part of the presentation where you introduce yourself, write your email, your phone number...



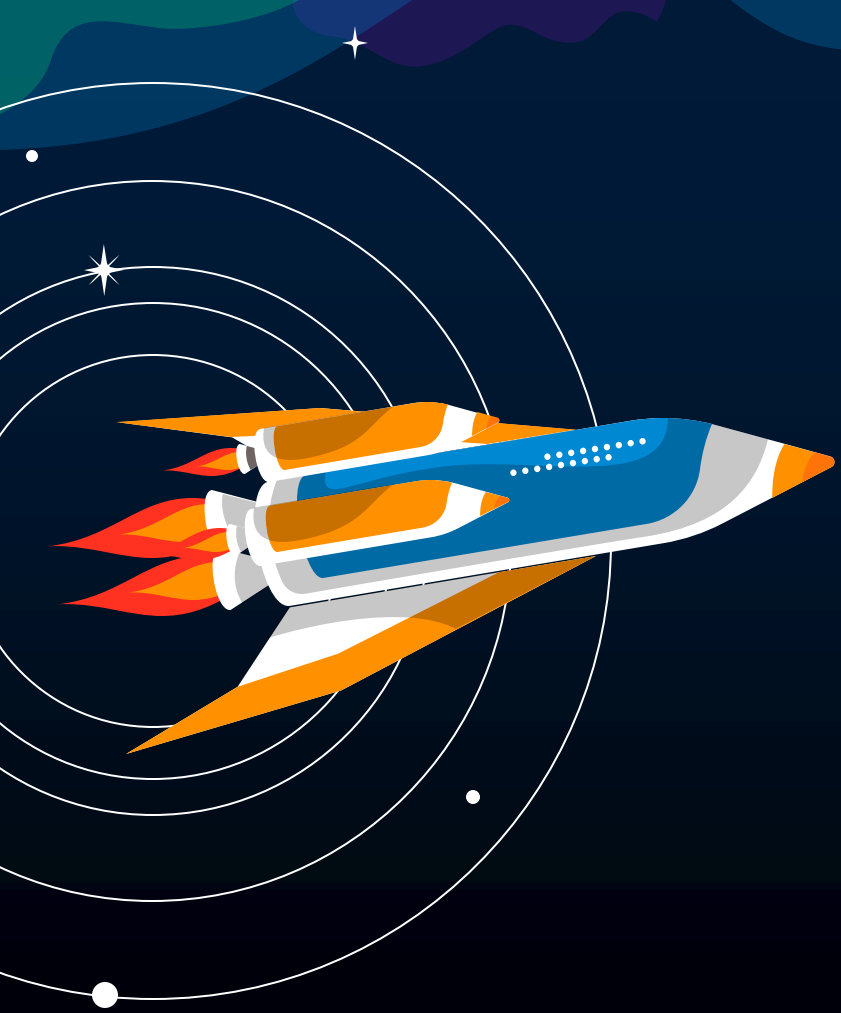




# 01

## INTRODUCTION

You can enter a subtitle here if  
you need it



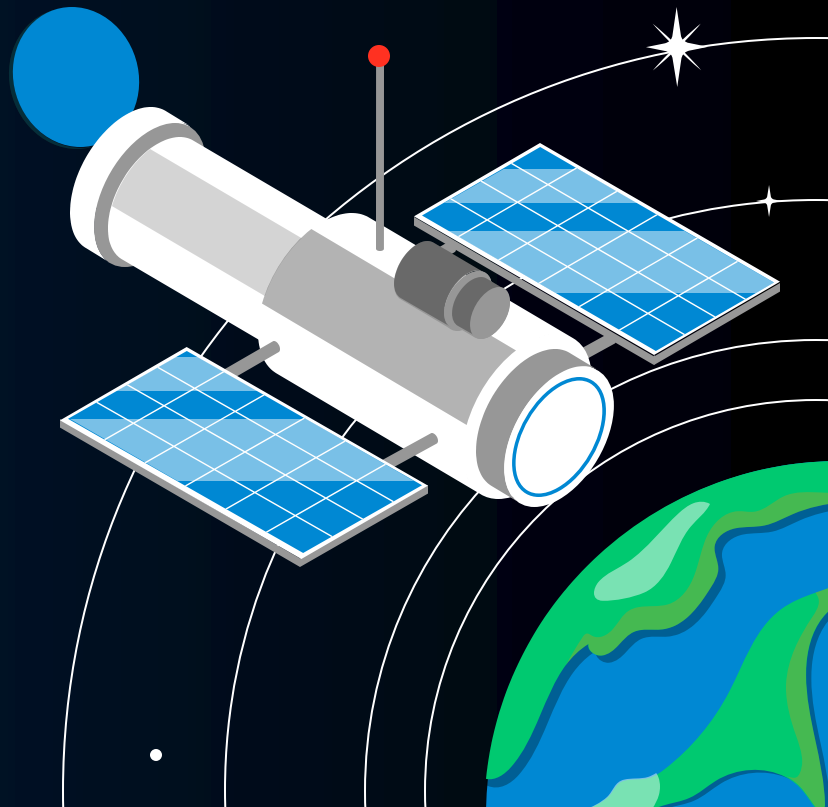
# INTRODUCTION

You can give a brief description of the topic you want to talk about here. For example, if you want to talk about Mercury, you can say that it's the smallest planet in the entire Solar System

# 02

## ATMOSPHERE CONCEPT

You can enter a subtitle here if  
you need it



# ATMOSPHERE CONCEPT



## MARS

Despite being red, Mars is a cold place, not hot. It's full of iron oxide dust



## VENUS

Venus has a beautiful name and is the second planet from the Sun. It's terribly hot



# 787,402 in

is the distance between the troposphere and the surface of Earth and continues an approximate height of 40 to 50 km to the atmosphere

# THIS IS A MAP

## NEPTUNE

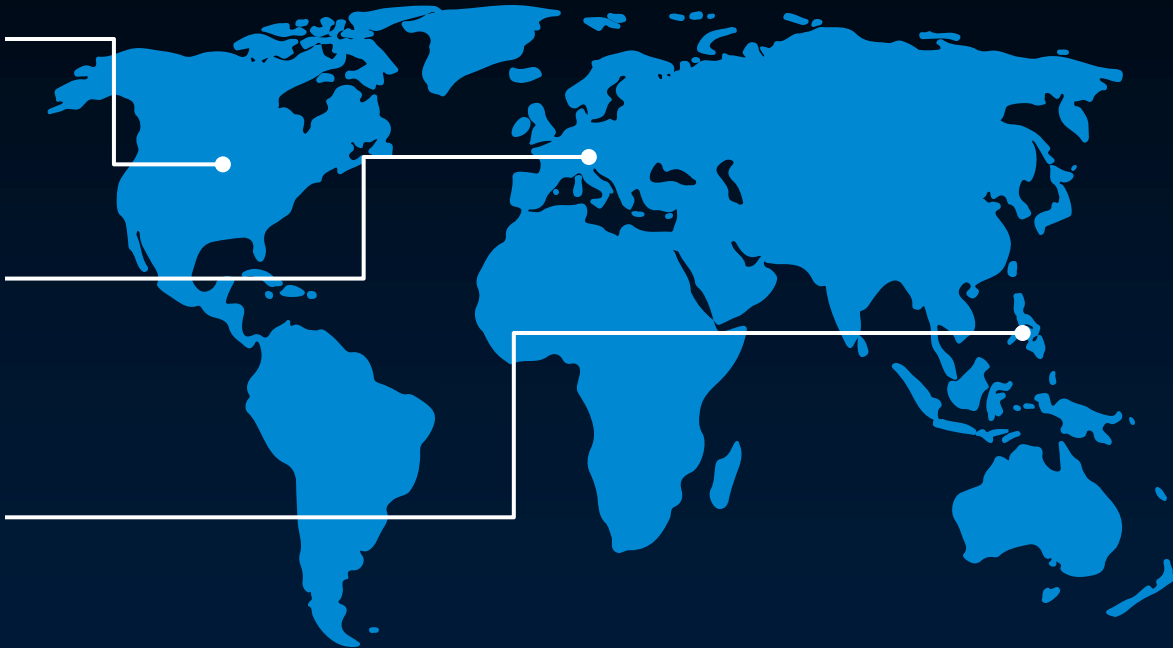
Neptune is the farthest planet from the Sun

## VENUS

Venus has a beautiful name, but it's very hot

## SATURN

Saturn is the ringed planet and a gas giant



# LAYERS OF THE ATMOSPHERE

## EXOSPHERE

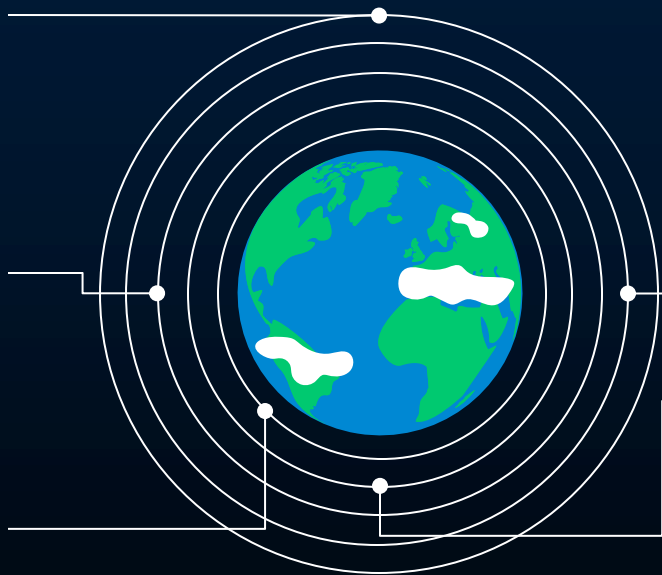
Neptune is the farthest planet from the Sun

## MESOSPHERE

Venus has a beautiful name, but it's very hot

## TROPOSPHERE

Mercury is the smallest planet of them all



## THERMOSPHERE

Saturn is the ringed planet and a gas giant

## STRATOSPHERE

Jupiter is the biggest planet of them all



# 9h 55m 23s

Jupiter's rotation period

# 333,000

The Sun's mass compared to Earth's

# 386,000 km

Distance between Earth and the Moon



# DYNAMICS OF THE ATMOSPHERE



## • THERMAL ENERGY

Despite being red, Mars is actually a cold place full of iron oxide dust



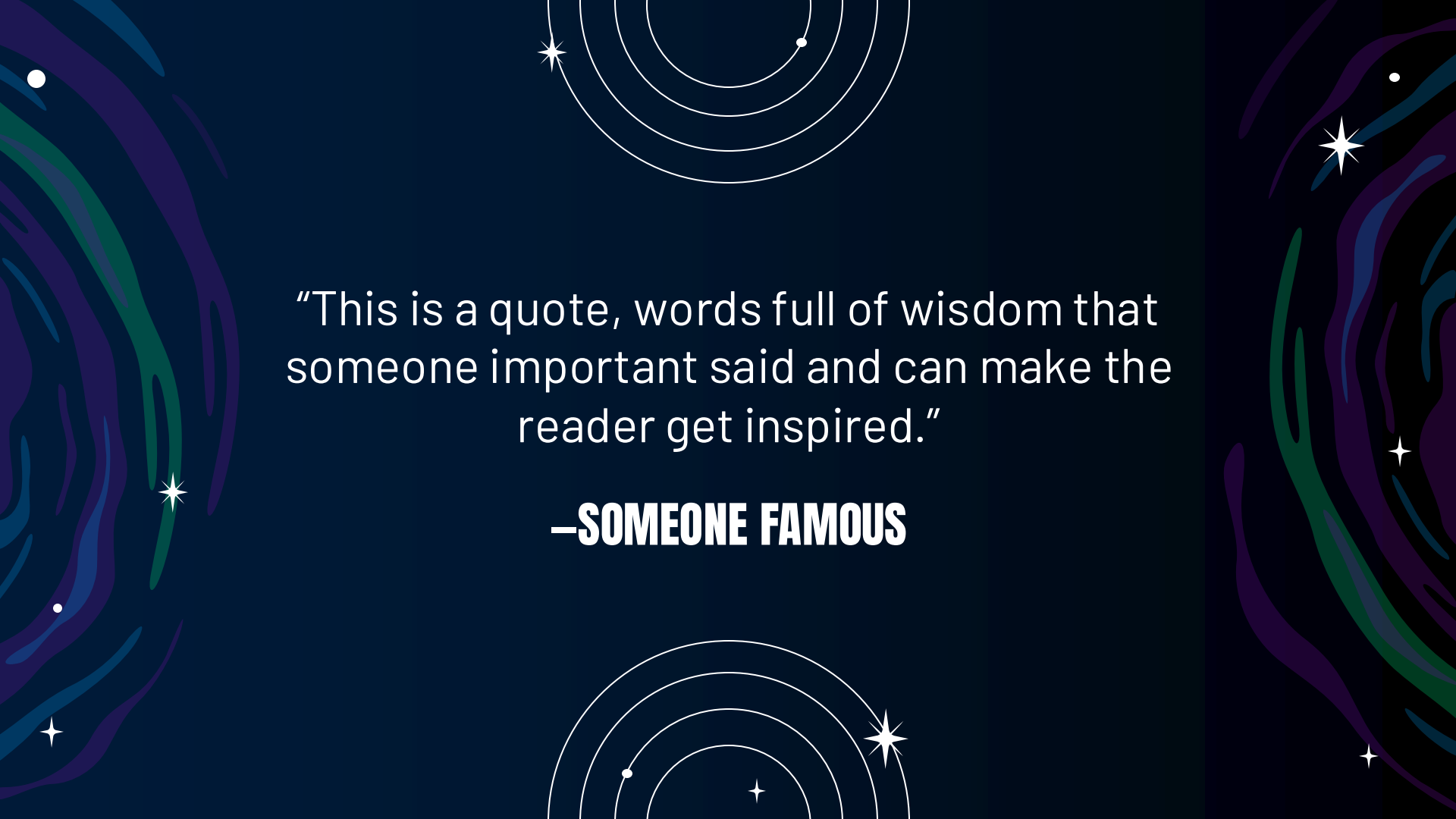
## ELECTRICAL ENERGY

Venus has a beautiful name and is the second planet from the Sun



## PHYSICO-CHEMICAL

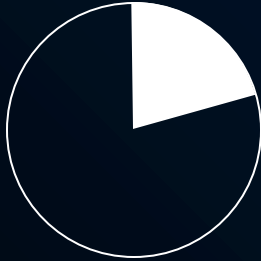
• Neptune is the farthest planet from the Sun. It's really cold there

The background is a dark blue space-themed illustration. It features two large, colorful spiral galaxies on the left and right sides, rendered in shades of purple, blue, and green. In the center, there are two sets of white concentric circles, resembling orbits or ripples, each with a small white dot. Several white stars of different sizes are scattered throughout the scene.

"This is a quote, words full of wisdom that  
someone important said and can make the  
reader get inspired."

**—SOMEONE FAMOUS**

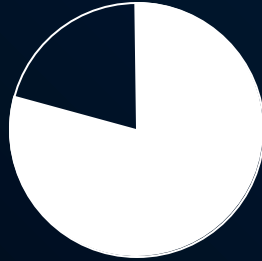
# PERCENTAGES OF GASES IN THE ATMOSPHERE



**21%**

**OXYGEN**

Mars is actually a  
cold place



**78%**

**NITROGEN**

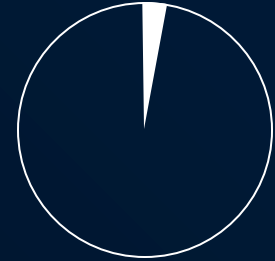
Venus has a  
beautiful name



**0.5%**

**CARBON DIOXIDE**

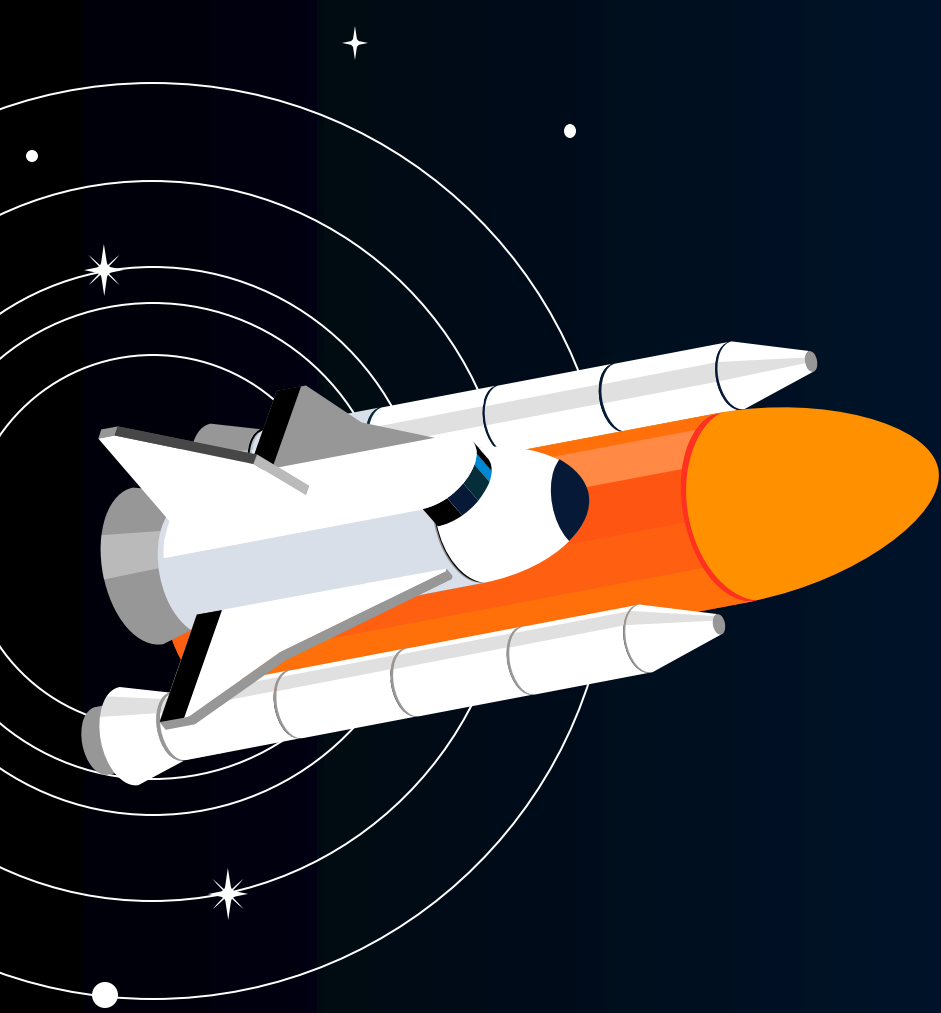
Saturn is the  
ringed planet



**0.5%**

**ARGON**

Jupiter is the  
biggest planet



# 03

## LAYERS OF THE ATMOSPHERE

You can enter a subtitle here if  
you need it

# LAYERS OF EARTH'S ATMOSPHERE

## TROPOSPHERE



Neptune is the farthest planet from the Sun

## STRATOSPHERE



Despite being red, Mars is a cold place

## OZONOSPHERE



Venus has a beautiful name, but it's very hot

## MESOSPHERE



Saturn is a gas giant with several rings

## THERMOSPHERE



Jupiter is the biggest planet in the Solar System

## EXOSPHERE



Mercury is the closest planet to the Sun

# EVOLUTION OF THE ATMOSPHERE

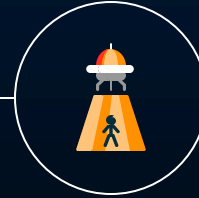
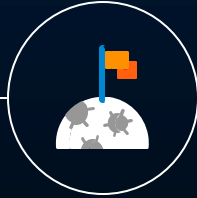
## SOURCE

Mercury is the closest planet to the Sun



## MICROBIOLOGICAL

Despite being red, Mars is a cold place

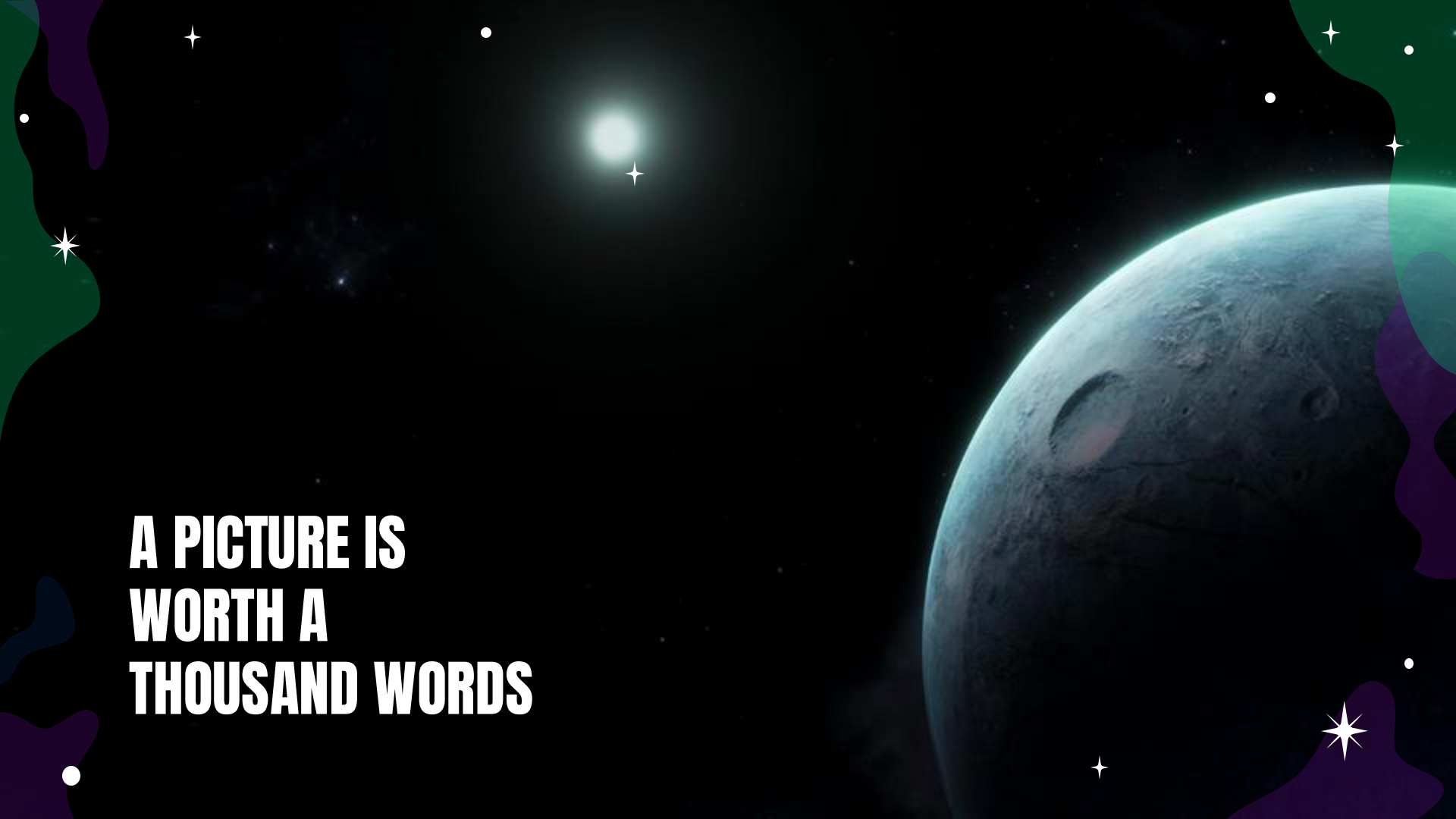


## PREBIOTIC STAGE

Venus has a beautiful name, but it's very hot

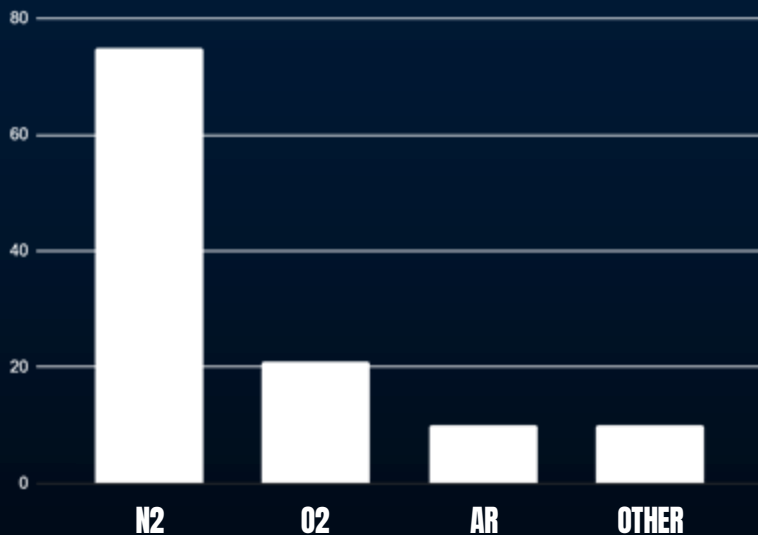
## BIOLOGICAL STAGE

Saturn is the ringed planet and a gas giant



**A PICTURE IS  
WORTH A  
THOUSAND WORDS**

# ATMOSPHERIC COMPOSITION



**N2 - 78%**

Neptune is the farthest planet from the Sun

**21% - O2**

Despite being red, Mars is a cold place

**0.5% - AR**

Venus has a beautiful name, but it's very hot

**0.5% - OTHER**

Saturn is the ringed planet and a gas giant

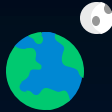
Follow the link in the graph to modify its data and then paste the new one here. **For more info, click here**



# GASES THAT ARE ON THE EARTH'S ATMOSPHERE

**H<sub>2</sub>O**

Neptune is the farthest planet from the Sun



**O<sub>2</sub>**

Despite being red, Mars is a cold place

**CO<sub>2</sub>**

Venus has a beautiful name, but it's very hot



**N<sub>2</sub>**

Saturn is the ringed planet and a gas giant

# DISTANCE BETWEEN LAYERS



**1. TROPOSPHERE**

12 KM (7 MI)

**2. STRATOSPHERE**

49 KM (30 MI)

**3. MESOSPHERE**

85 KM (53 MI)

**4. THERMOSPHERE**

700 KM (435 MI)

**5. EXOSPHERE**

700+ KM (500+ MI)

# OUR TEAM



**JOHN JAMES**

You can speak a bit about  
this person here



**LAURA PATTERSON**

You can speak a bit about  
this person here



# 04

## EXERCISES

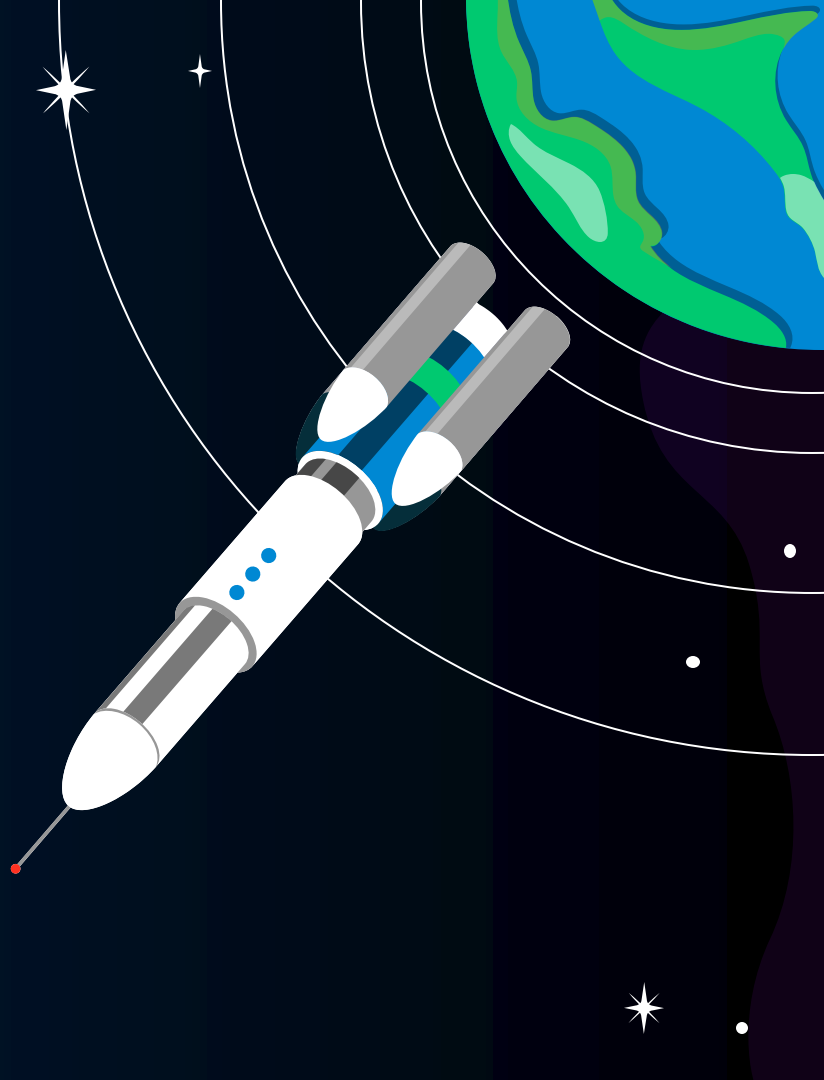
You can enter a subtitle here if  
you need it

# SCIENTIFIC CURIOSITIES ABOUT THE ATMOSPHERE

Do you know what helps you make your point clear? Lists like this one:

- They're simple
- You can organize your ideas clearly
- You'll never forget to buy milk!

And the most important thing: the audience won't miss the point of your presentation



# STRUCTURE OF THE ATMOSPHERE

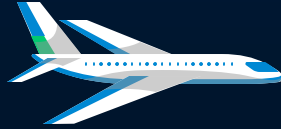
LAYERS	HEIGHT (KM)	THICKNESS (KM)	TEMPERATURE (°C)	OTHERS
TROPOSPHERE	10	10	15 -55	90% air
STRATOSPHERE	50	40	55 - 17	Ozone rich zone
MESOSPHERE	80	30	17 - 100	Radiation is not absorbed
THERMOSPHERE	500	420	100 or more	Shooting stars and auroras

# WHAT IS IN THE EARTH'S ATMOSPHERE?

Guiding you from the object, identify in which earth's atmospheric layer it is located

## PASSENGER PLANE

Write the answer  
here

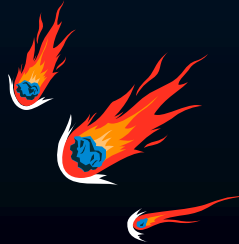


## RADIOSONDE

Write the answer  
here

## METEORS

Write the answer  
here



## SATELLITE

Write the answer  
here

# FUNCTIONS OF THE ATMOSPHERE

## ATMOSPHERIC FRICTION

Despite being red, Mars is a cold place

## CONSTANT VELOCITY

Neptune is the farthest planet from the Sun

## BIOGEOCHEMICAL CYCLES

Mercury is the closest planet to the Sun

## SOLAR RADIATION FILTER

Saturn is the ringed planet and a gas giant

## GREENHOUSE EFFECT

Venus has a beautiful name, but it's very hot



# STUDY OF EARTH'S ATMOSPHERE

Match the gas in column A with the correct percentage found in the atmosphere in column B

## COLUMN A

Oxygen

Water vapor

Nitrogen

Carbon dioxide

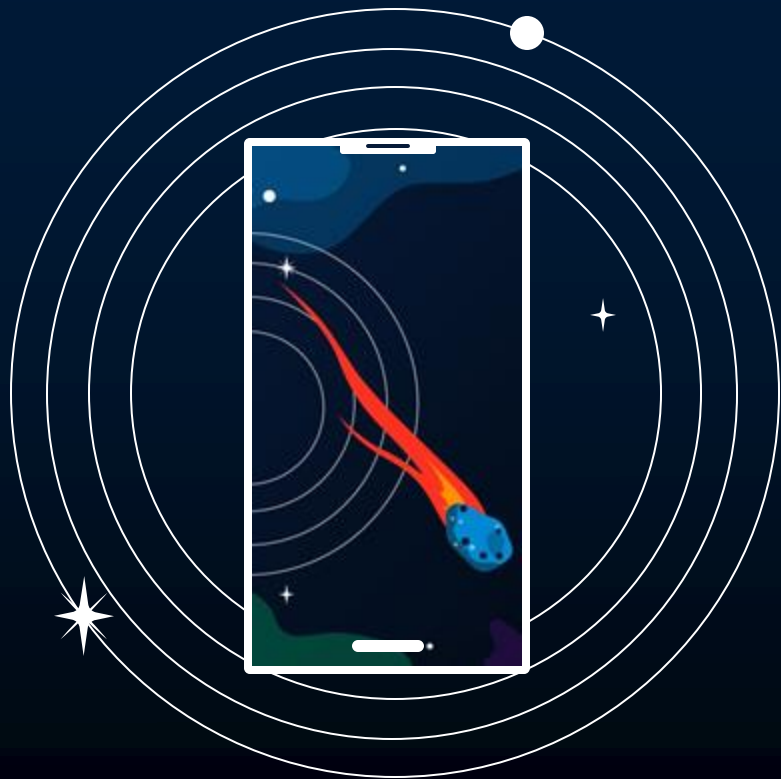
## COLUMN B

A. 78%

B. 0.4%

C. 21%

D. 50%

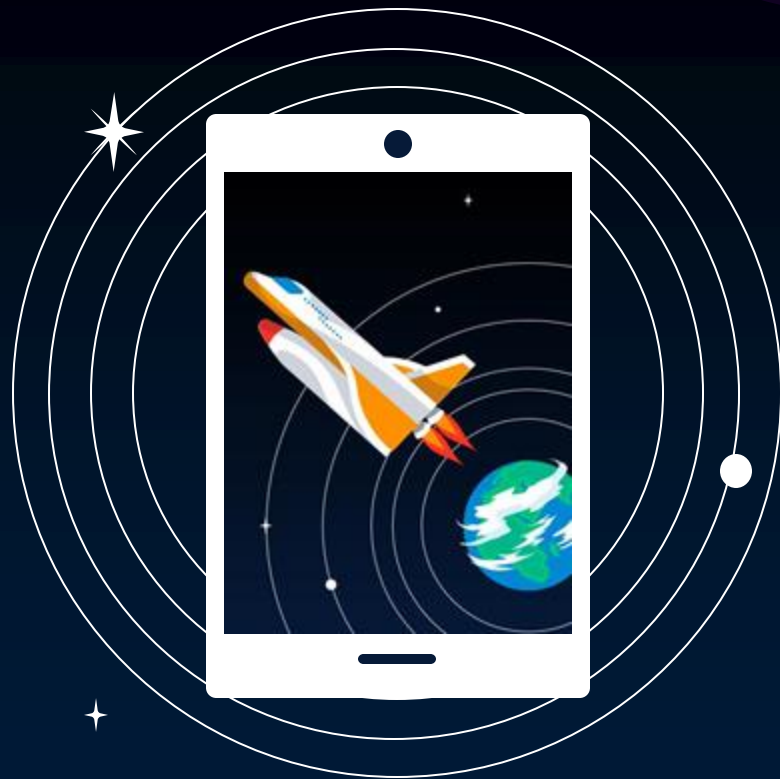


# SMARTPHONE

You can replace the image on the screen with your own work. Just delete this one and add yours

# TABLET APP

You can replace the image on the screen with your own work. Just delete this one and add yours





# LAPTOP MOCKUP

You can replace the image on the screen with your own work. Just delete this one and add yours

# THANKS!



**Does anyone have any questions?**

addyouremail@freepik.com

+91 620 421 838

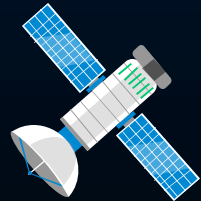
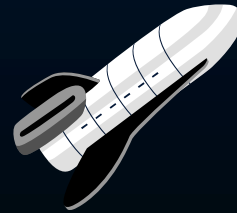
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# ALTERNATIVE RESOURCES



# SPACE FLAT ICON PACK



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