

EARTH'S ATMOSPHERE CLASS

Here is where your presentation begins

CONTENTS OF THIS TEMPLATE

Here's what you'll find in this **Slidesgo** template:

1. A slide structure based on a Multi-purpose template, which you can easily adapt to your needs. For more info on how to edit the template, please visit **Slidesgo School** or read our **FAQs**.
2. To view this template in PowerPoint with the correct fonts, download and install on your computer the **fonts that we have used**. You can learn how to download and install fonts **here**.
3. An assortment of graphic resources that are suitable for use in the presentation can be found in the **alternative resources slide**.
4. A **thanks slide**, which you must keep so that proper credits for our design are given.
5. A **resources slide**, where you'll find links to all the elements used in the template.
6. **Instructions for use**.
7. Final slides with:
 - The **fonts and colors** used in the template.
 - A **selection of illustrations**. You can also customize and animate them as you wish with the online editor. Visit **Storyset** to find more.
 - More **infographic resources**, whose size and color can be edited.
 - Sets of **customizable icons** of the following themes: general, business, avatar, creative process, education, help & support, medical, nature, performing arts, SEO & marketing, and teamwork.

You can delete this slide when you're done editing the presentation.

TABLE OF CONTENTS

01

INTRODUCTION

You can describe the topic
of the section here

02

ATMOSPHERE CONCEPT

You can describe the topic
of the section here

03

LAYERS OF ATMOSPHERE

You can describe the topic
of the section here

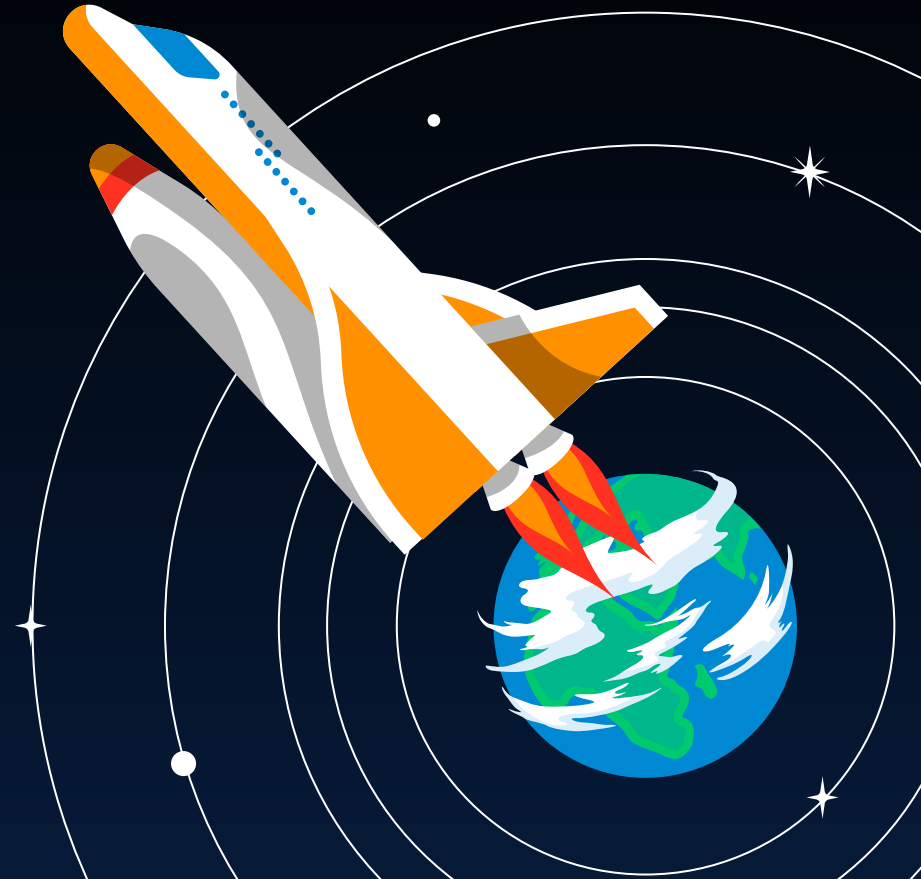
04

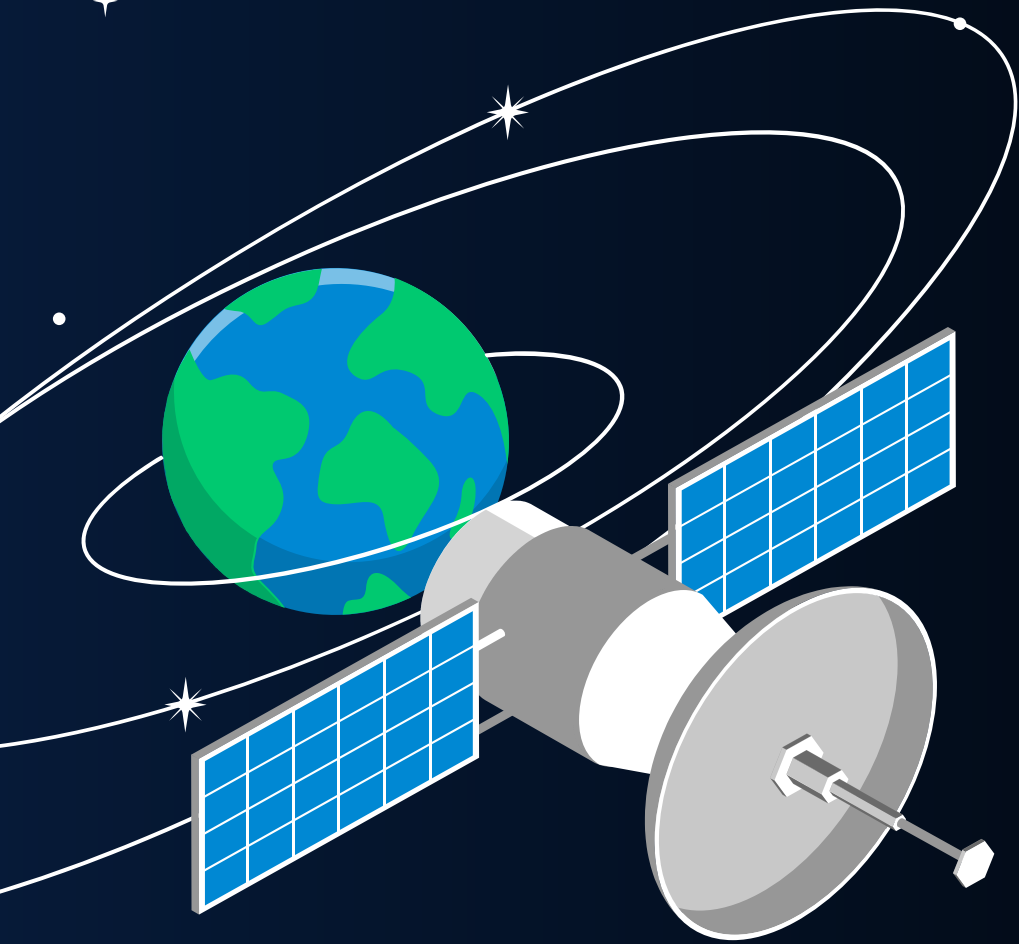
EXERCISES

You can describe the topic
of the section here

WHOA!

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

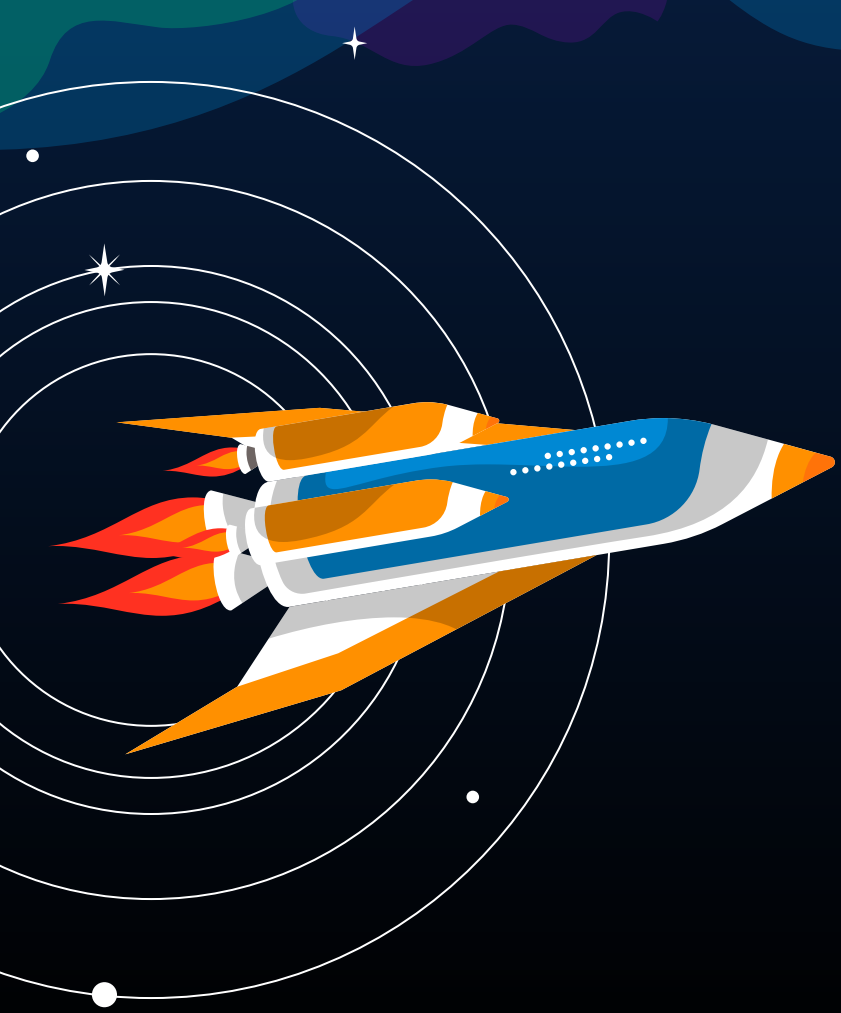




01


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

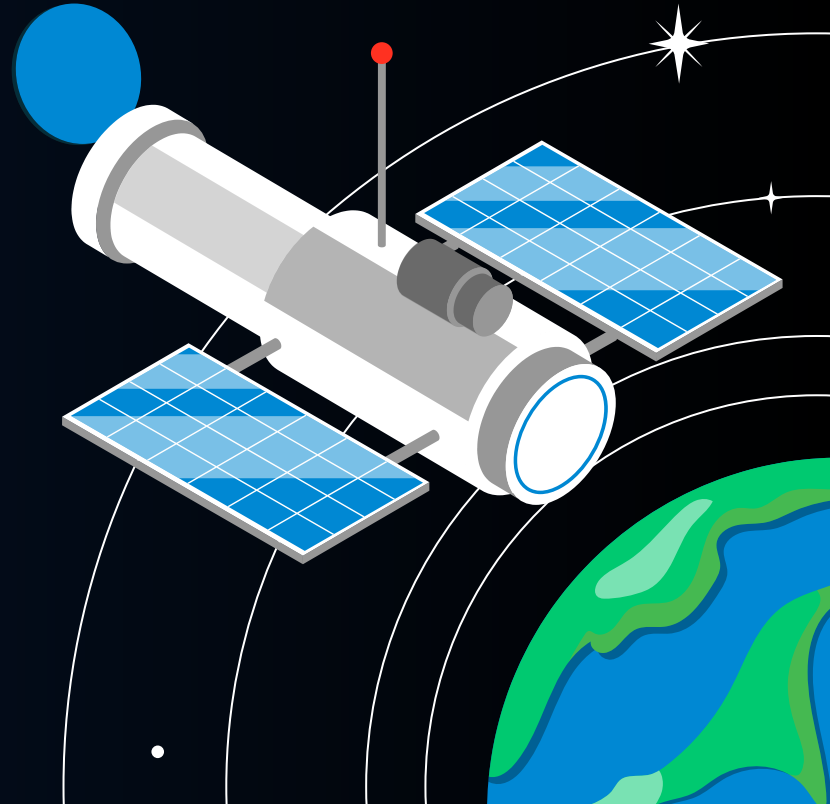


AWESOME WORDS

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

The background is a dark blue space-themed illustration. It features several white stars of varying sizes and shapes, some with four-pointed starburst patterns. There are also white concentric circles representing orbital paths or celestial bodies. The background is decorated with abstract, wavy shapes in shades of dark blue, purple, and green, suggesting nebulae or galaxy structures.

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

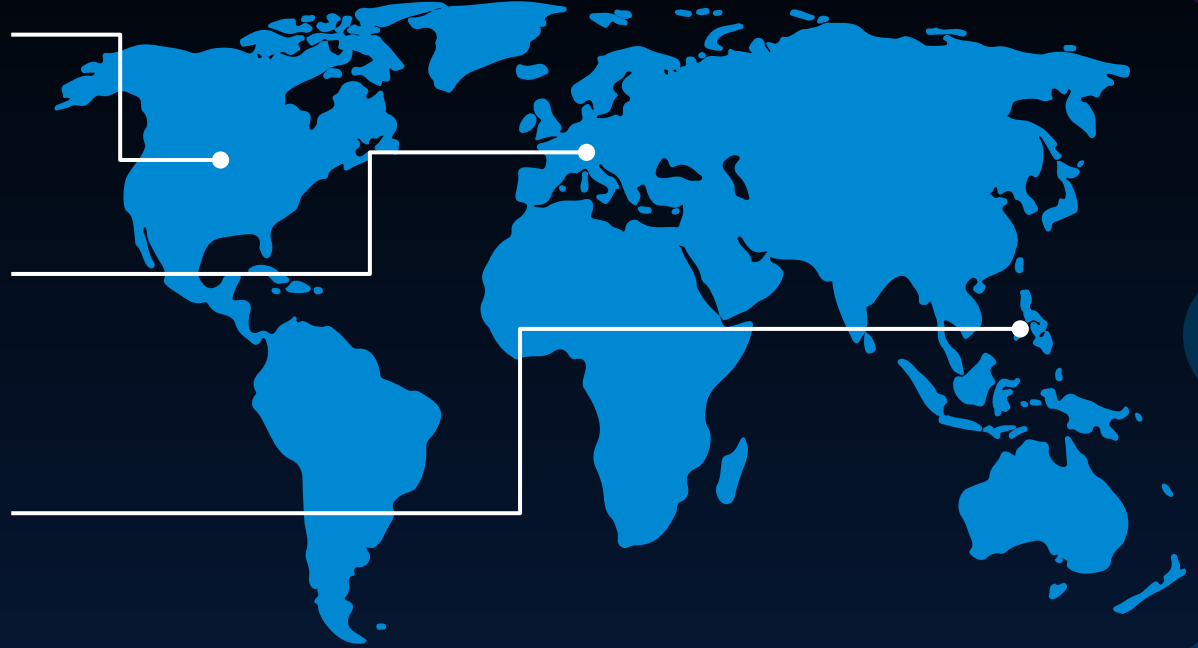
Neptune is the farthest planet from the Sun

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

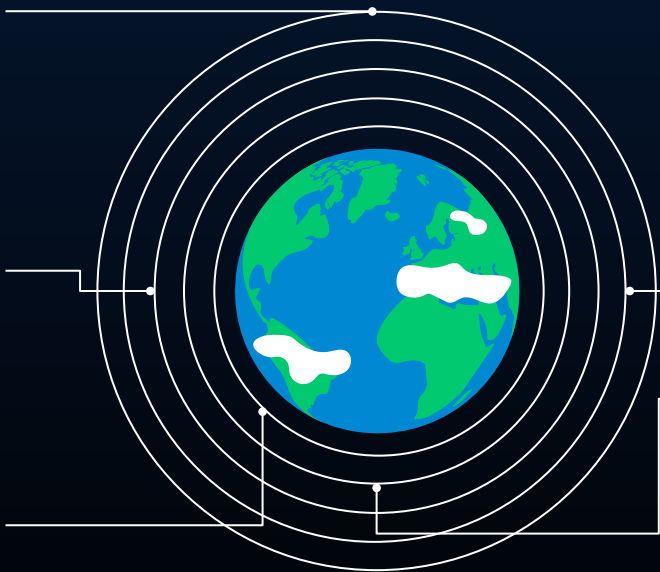
Neptune is the farthest planet from the Sun

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



A PICTURE ALWAYS REINFORCES THE CONCEPT

Images reveal large amounts of data, so remember: use an image instead of a long text. Your audience will appreciate it



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



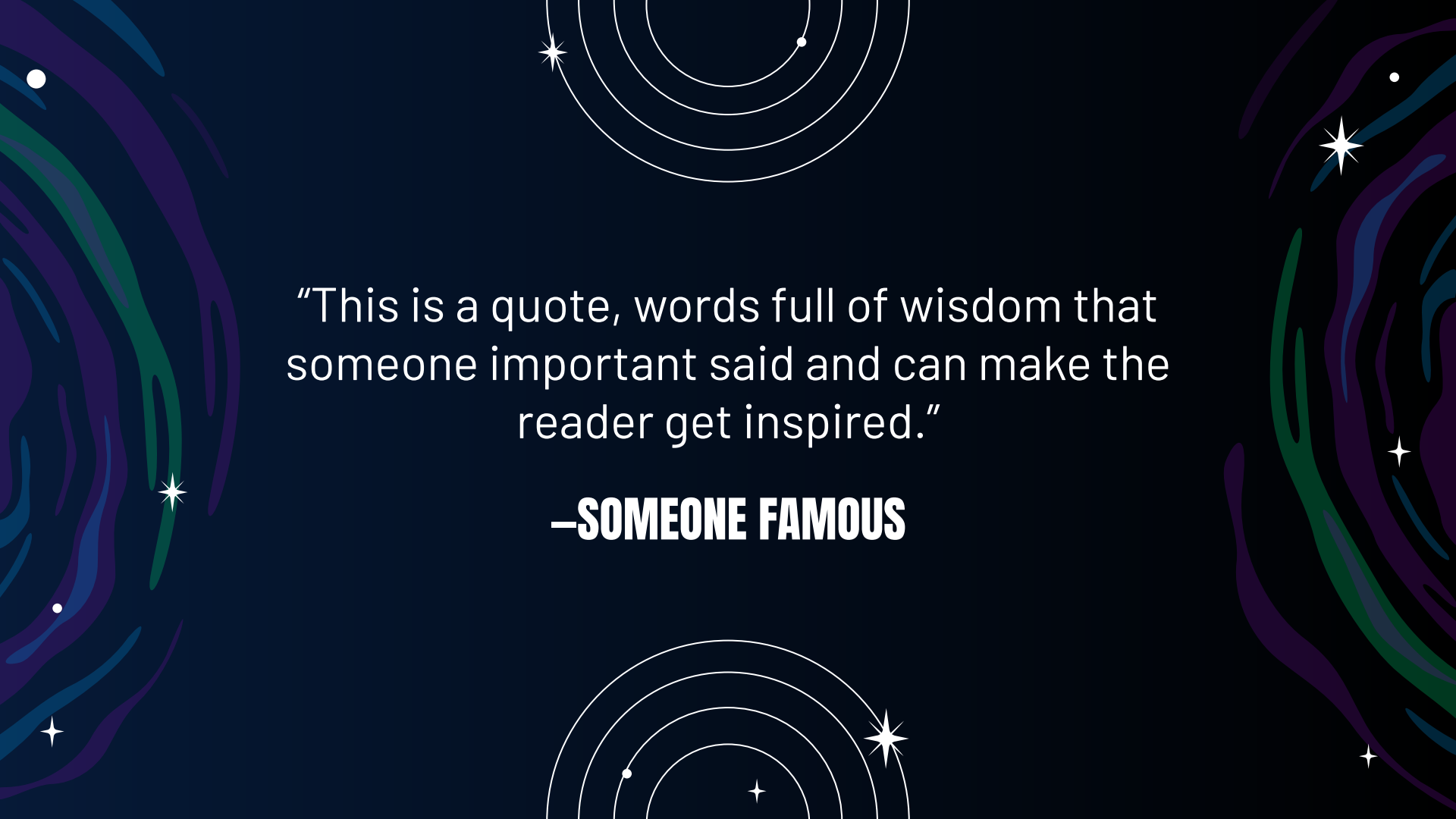
ELECTRICAL ENERGY

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



PHYSICO-CHEMICAL

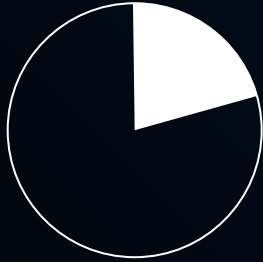
Neptune is the farthest planet from the Sun. It's really cold there



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

—SOMEONE FAMOUS

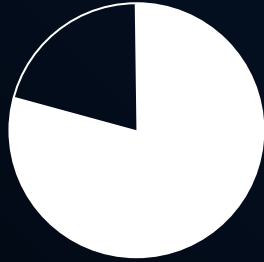
PERCENTAGES OF GASES IN THE ATMOSPHERE



21%

OXIGEN

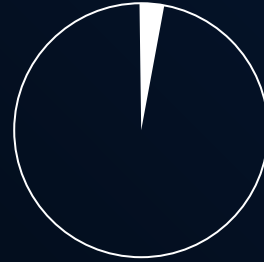
Mars is actually a cold place



78%

NITROGEN

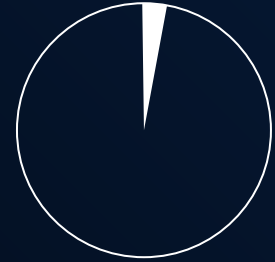
Venus has a beautiful name



0.5%

CARBON DIOXIDE

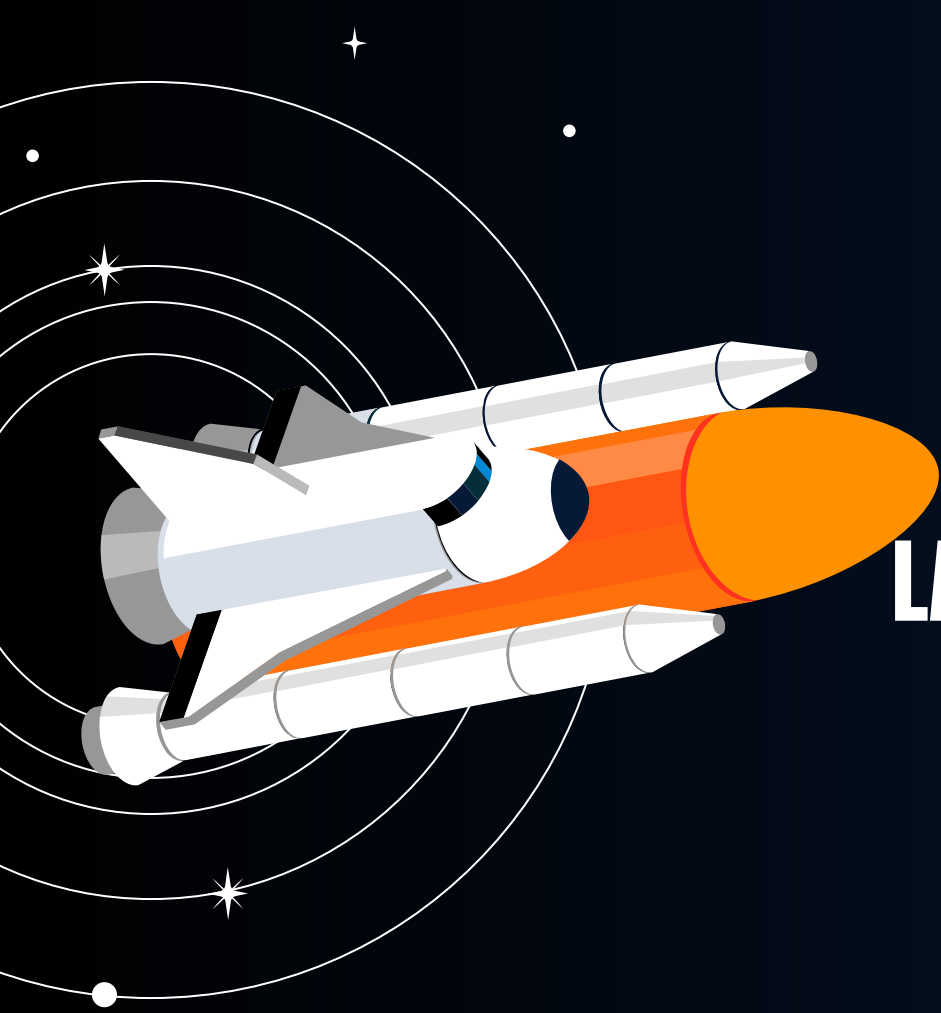
Saturn is the ringed planet



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

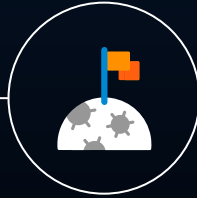
SOURCE

Mercury is the closest planet to the Sun



MICROBIOLOGICAL

Despite being red, Mars is a cold place

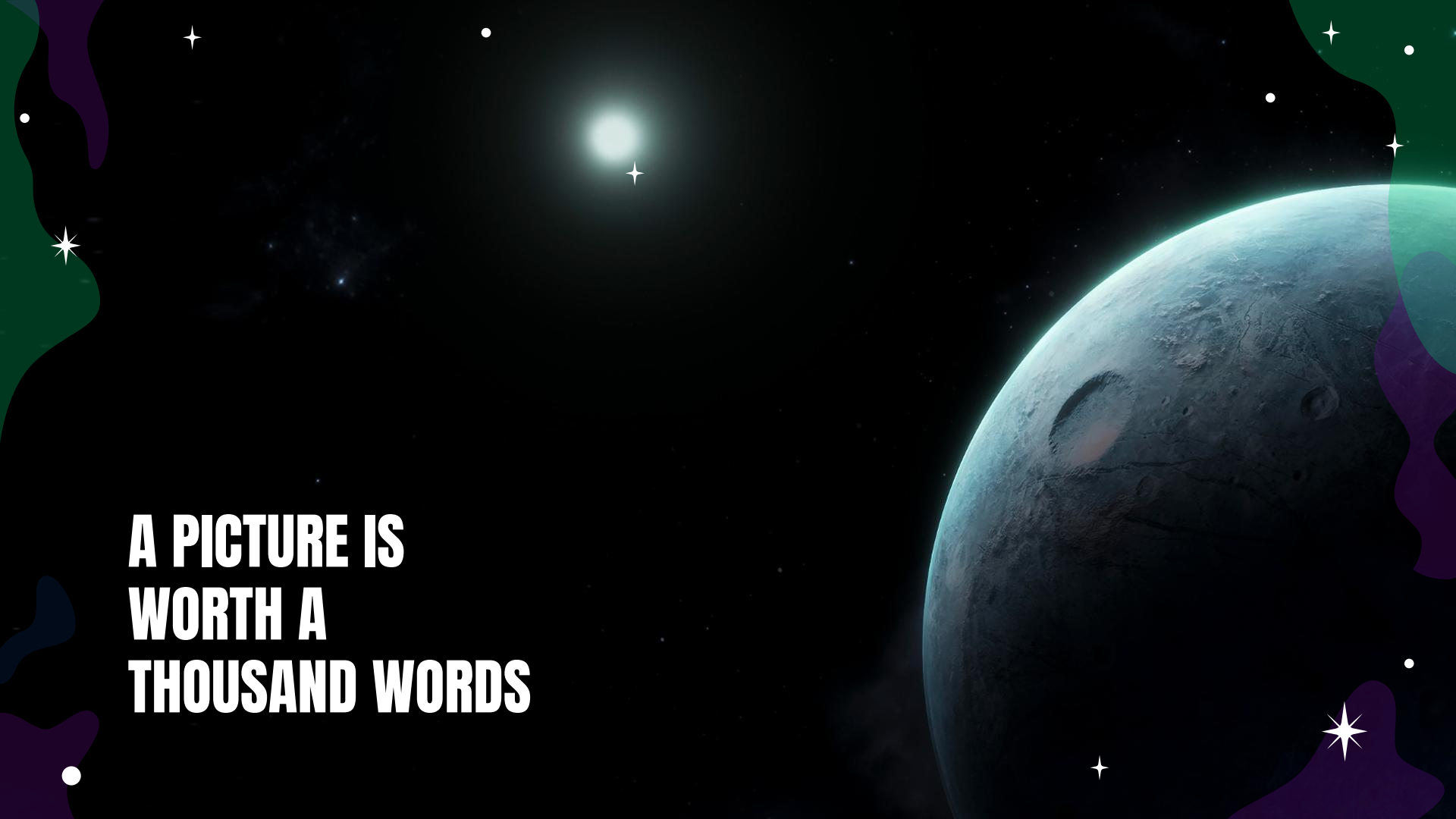


PREBIOTIC STAGE

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

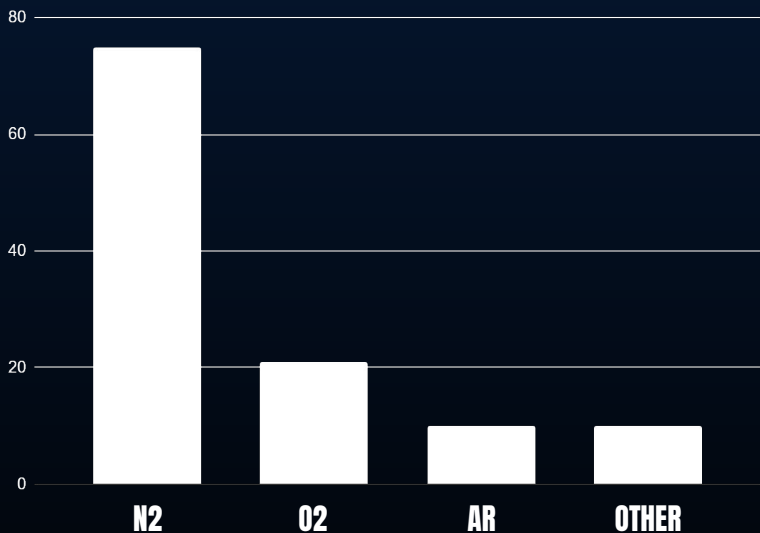
BIOLOGICAL STAGE

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

H₂O

Neptune is the farthest planet from the Sun



O₂

Despite being red, Mars is a cold place

CO₂

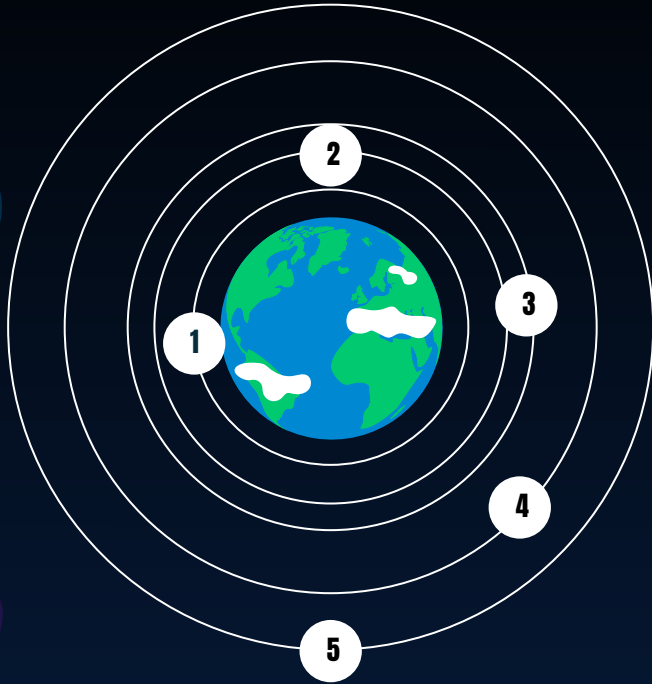
Venus has a beautiful name, but it's very hot



N₂

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

The background is a dark blue space scene. On the left, a grey planet with a white polar ice cap is shown with three white lines representing orbital paths. On the right, a bright orange and red comet with a blue nucleus is streaking across the sky. The scene is decorated with white stars of various sizes and several concentric white circles representing orbits. Abstract shapes in shades of green and purple are scattered in the corners.

04

EXERCISES

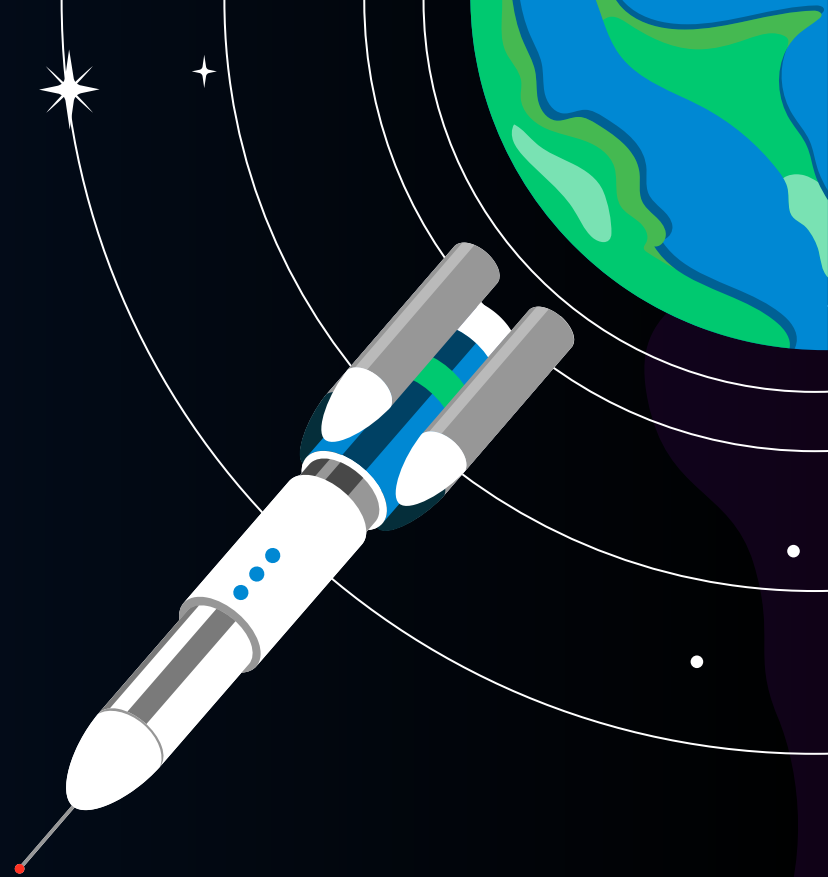
You can enter a subtitle here if
you need it

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

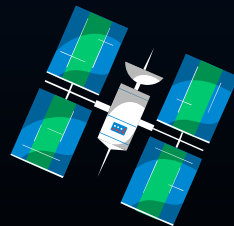


RADIOSONDE

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

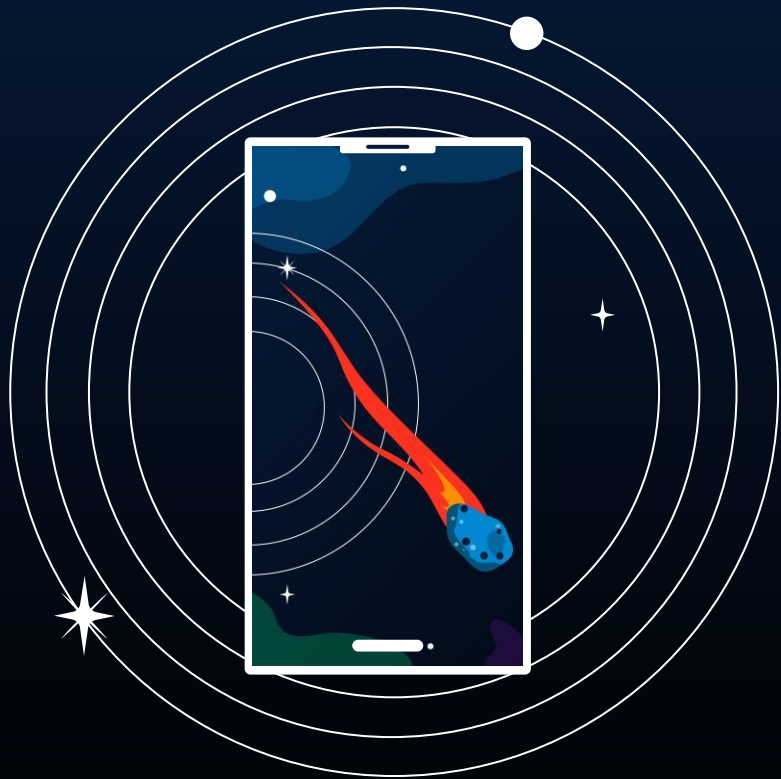
COLUMN B

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

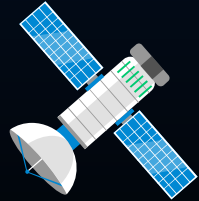
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ALTERNATIVE RESOURCES



ALTERNATIVE RESOURCES

Here's an assortment of alternative resources whose style fits the one of this template:

VECTORS

- Layers of earth atmosphere with exosphere and troposphere
- Weather satellite with meteorology equipment in space dark background with earth planets and stars

RESOURCES

Did you like the resources on this template? Get them for free at our other websites:

VECTORS

- Earth atmosphere colored and horizontal banner with earth and see more button illustration
- Earth atmosphere structure concept visual scheme of the location of atmospheres and flying objects within each of them illustration
- Cartoon galaxy background
- Colorful space badge collection with flat design
- Gradient space background with rocket
- Collection of different rocket ships
- Exploration isometric with text learn more button and images of spacewalking astronaut and satellite vector illustration
- Set of isolated space exploration icons with realistic rockets artificial satellites and planets with human characters vector illustration

PHOTOS

- Climate change with dry soil
- Galaxy night panoramic
- Fully equipped male astronaut holding a flag (I)
- Fully equipped male astronaut holding a flag (II)

ICONS

- Icon Pack: Space Flat
- Ozone icons

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(<https://fonts.google.com/specimen/Anton>)

Barlow

(<https://fonts.google.com/specimen/Barlow>)

#ffffff

#979797

#000000

#061a38

#052e3a

#0088d3

#00c970

#740fa3

#ff3121

#ff9000

Storyset

Create your Story with our illustrated concepts. Choose the style you like the most, edit its colors, pick the background and layers you want to show and bring them to life with the animator panel! It will boost your presentation. Check out [How it works](#).



Pana



Amico



Bro



Rafiki



Cuate

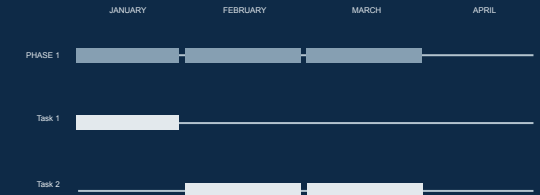
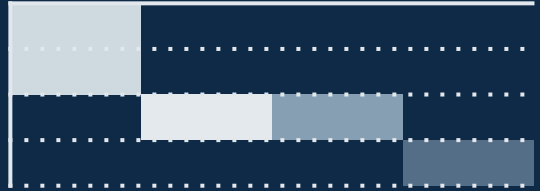
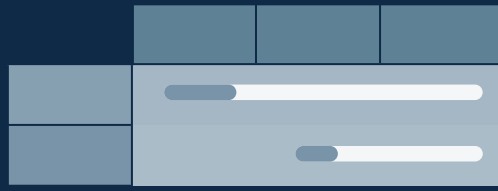
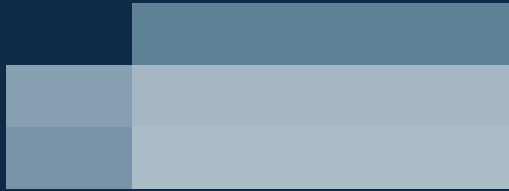
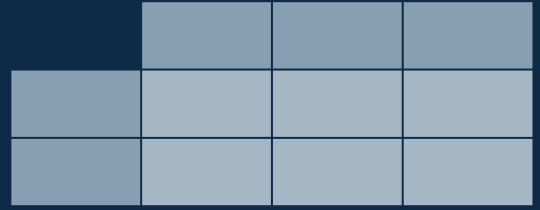
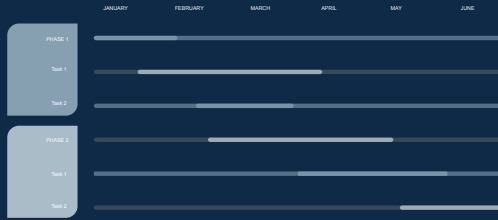
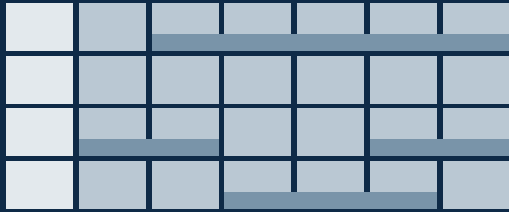
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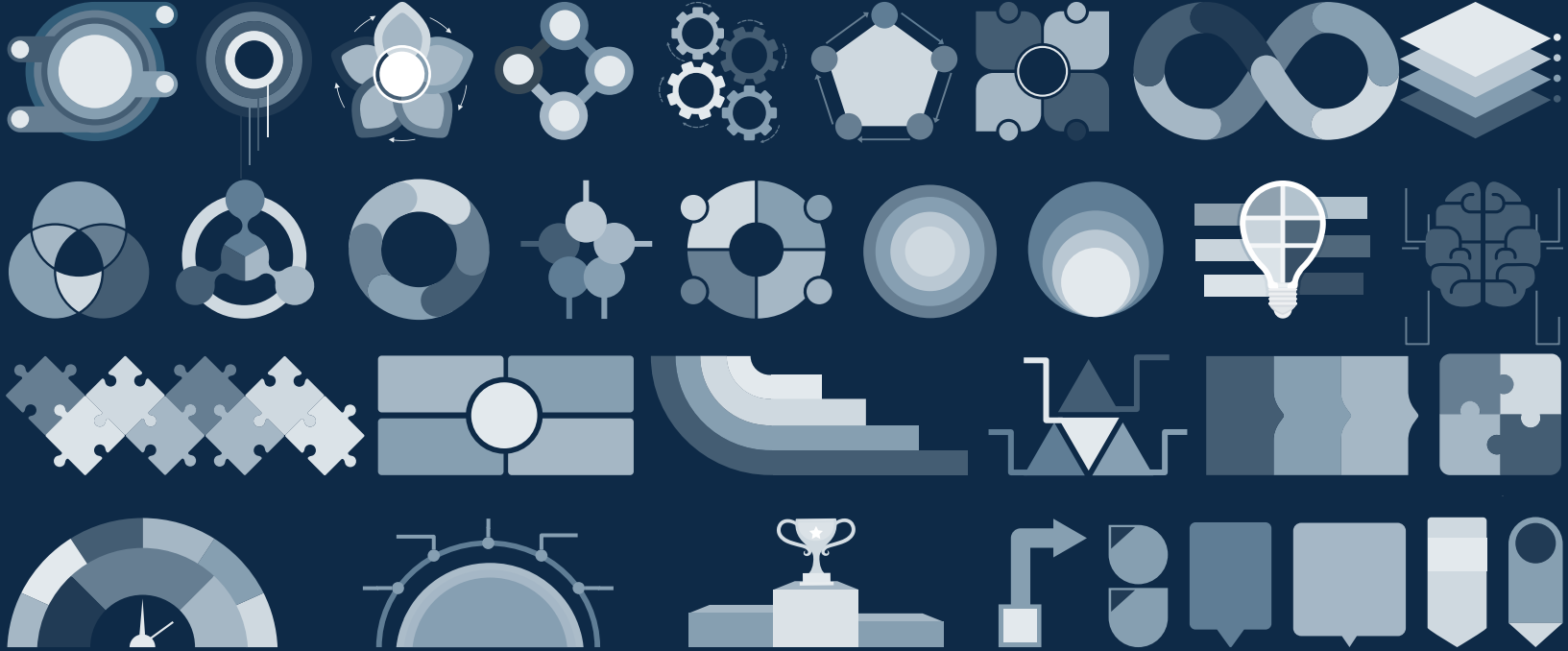
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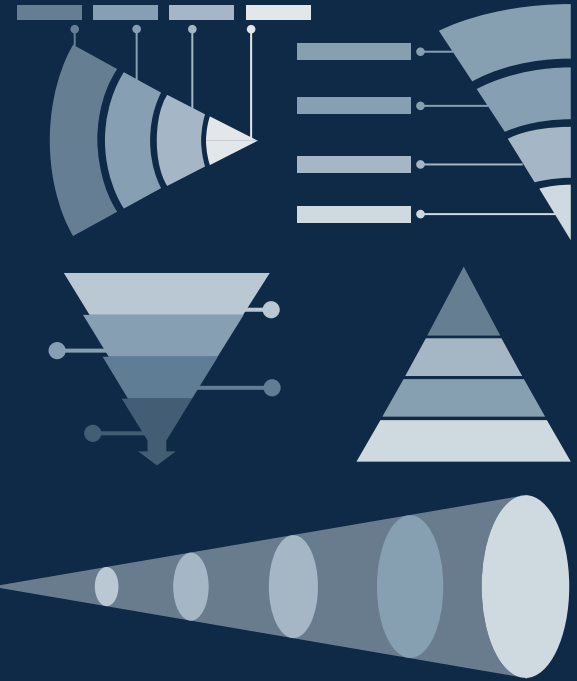
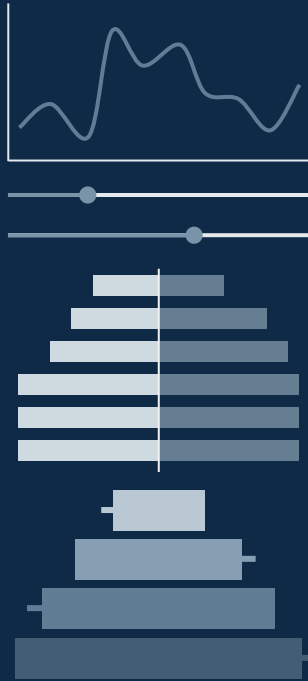
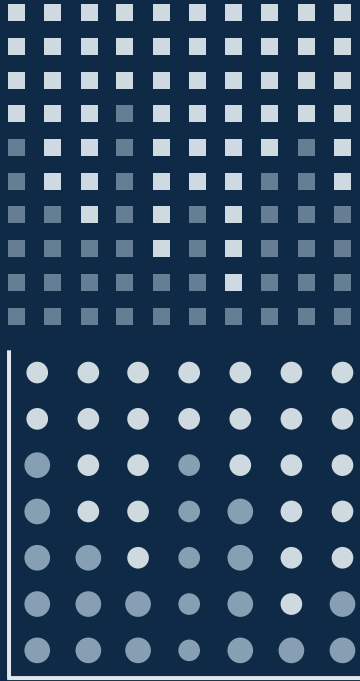
Group the resource again when you're done. You can also look for more [infographics on Slidesgo](#).











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In Google Slides, you can also use Flaticon's extension, allowing you to customize and add even more icons.



Educational Icons



Medical Icons



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Teamwork Icons



Help & Support Icons



Avatar Icons



Creative Process Icons



Performing Arts Icons



Nature Icons



SEO & Marketing Icons



