

10TH GRADE

SCIENCE SUBJECT FOR HIGH SCHOOL

NUCLEAR CHEMIST RY

Here is where your presentation begins

CONTENTS OF THIS TEMPLATE

This is a slide structure based on an educational presentation

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

<u>Fonts</u>	To view this template correctly in PowerPoint, download and install the fonts we used
<u>Used and alternative resources</u>	An assortment of graphic resources that are suitable for use in this presentation
<u>Thanks slide</u>	You must keep it so that proper credits for our design are given
<u>Colors</u>	All the colors used in this presentation
<u>Infographic resources</u>	These can be used in the template, and their size and color can be edited
<u>Customizable icons</u>	They are sorted by theme so you can use them in all kinds of presentations <small>For more info: You can visit our sister projects:</small>

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The lesson

You can describe the topic of the section here

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You can describe the topic of the section here

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Assignment

You can describe the topic of the section here

04

Conclusion

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...

INTRODUCTI ON

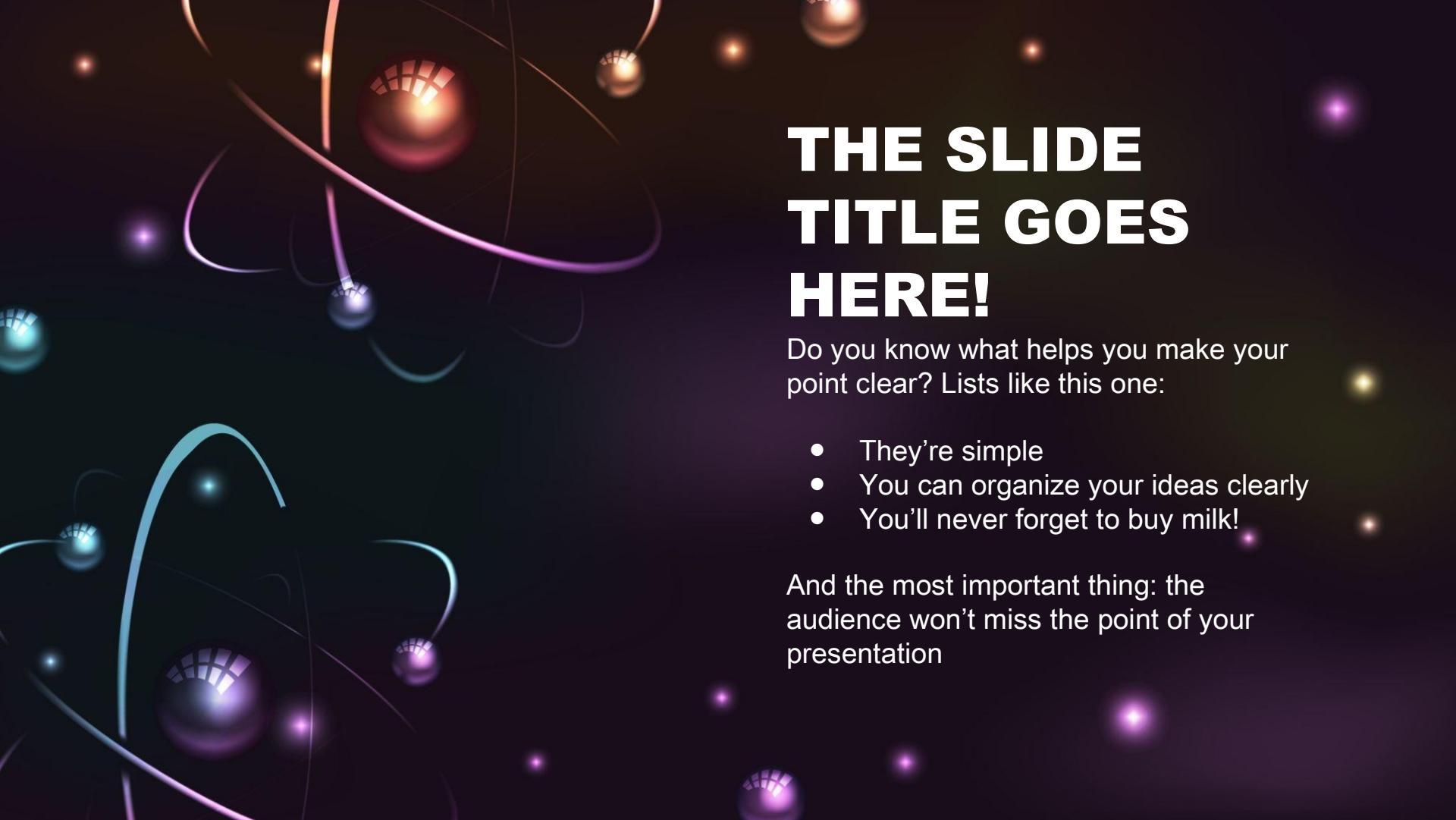
You can give a brief description of the topic you want to talk about here. For example, if you want to talk about Mercury, you can say that it's the smallest planet in the entire Solar System



01 THE LESSON

You can enter a subtitle here if you need it



The background of the slide features a dark, space-like theme with several glowing, semi-transparent spheres of various sizes and colors (orange, yellow, blue, purple) arranged in elliptical orbits. Some spheres have internal patterns resembling solar panels or antennae. The overall effect is a futuristic, celestial atmosphere.

THE SLIDE TITLE GOES HERE!

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

CLASSIFICATION OF RADIATIONS

Non-ionizing



Mercury is the closest planet to the Sun and the smallest one in the Solar System—it's only a bit larger than the Moon

Ionizing



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

THE THREE TYPES OF PARTICLES

Alpha

Mercury is the closest planet to the Sun and the smallest of them all



Beta

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



Gamma

Despite being red, Mars is actually a cold place. It's full of iron oxide dust



THE FOUR MAIN REACTION TYPES

Fission

Mercury is the closest planet to the Sun and the smallest one



Fusion

Jupiter is a gas giant and the biggest planet of them all



Nuclear decay

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



Transmutation

Saturn is composed mostly of hydrogen and helium



PROPERTIES OF RADIATION

1

Mercury

Mercury is the closest planet to the Sun

2

Venus

Venus is the second planet from the Sun

3

Mars

Despite being red, Mars is actually cold

4

Jupiter

Jupiter is the biggest planet of them all

5

Saturn

Saturn is composed of hydrogen and helium

6

Neptune

Neptune is the farthest planet from the Sun

AWESOME WORDS

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

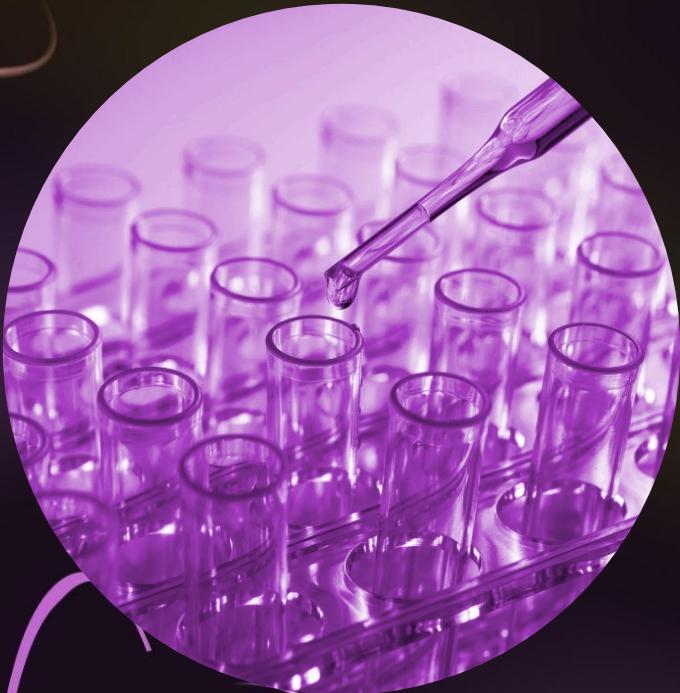
—**SOMEONE
FAMOUS**

A photograph of laboratory glassware and equipment. In the center is a clear Erlenmeyer flask containing a light blue liquid, with measurement markings from 100 to 300 visible on its side. To the right lies a pair of clear plastic safety goggles. In the background, slightly out of focus, is a white compound microscope with eyepieces and objective lenses. The lighting is dramatic, with strong highlights and shadows, creating a professional and scientific atmosphere.

**A PICTURE IS
WORTH A
THOUSAND WORDS**

A PICTURE ALWAYS REINFORCE S THE CONCEPT

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





02

FEATURES

You can enter a subtitle here if you need it

150,000

Big numbers catch your audience's attention



**9h 55m
23s**

Jupiter's rotation period

**333,000.0
00**

The Sun's mass compared to Earth's

**386,000
km**

Distance between Earth and the Moon

Let's use some percentages



Mars

Despite being red, Mars is actually a cold place. It's full of iron oxide dust



80%



Mercury

It's the closest planet to the Sun and the smallest in the Solar System



60%

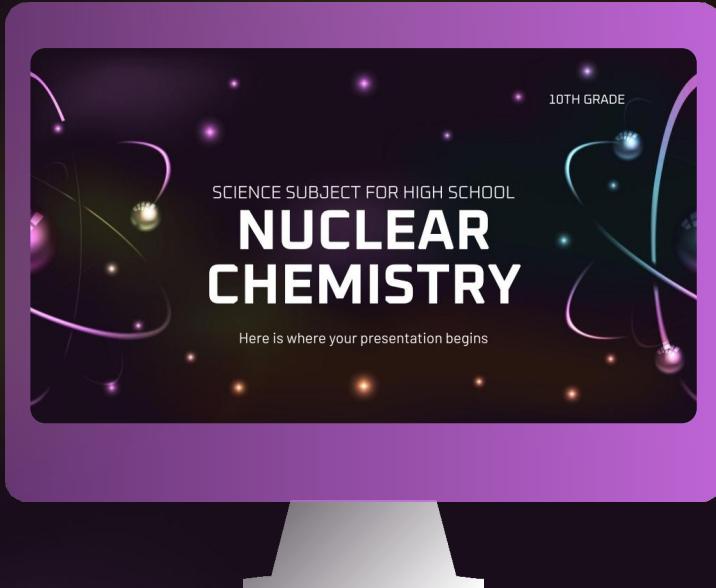


Venus

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



50%



DESKTOP APP

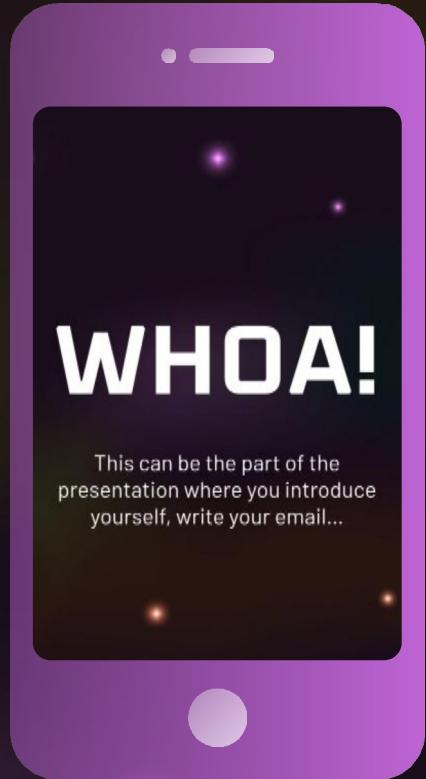
You can replace the image on the screen with your own work. Just right-click on it and select “Replace image”

TABLET APP

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03
ASSIGNMENT

You can enter a subtitle here if you need it



MOBILE APP

You can replace the image on the screen with your own work. Just right-click on it and select “Replace image”

OUR TEAM

Jenna Doe



You can speak a bit
about this person here

**Timmy
Jimmy**



You can speak a bit
about this person here

Susan Bones



You can speak a bit
about this person here

03

ASSIGNME

NT

You can enter a subtitle here if you need it

THIS IS A MAP



Venus

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



Mars

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

LESSON TIMELINE

Venus is the second planet from the Sun

3 months



1 month

Jupiter is the biggest planet of them all



6 months

Saturn is composed of hydrogen and helium



Despite being red, Mars is actually a cold place

9 months



12 months

Neptune is the farthest planet from the Sun

IONIZING AND NON-IONIZING RADIATION

Ionizing

Mercury is the smallest planet in the Solar System

Neptune is the farthest planet from the Sun

Saturn is a gas giant and has several rings

Uranus is the seventh planet from the Sun



Feature 01

Non-ionizing

Jupiter is the biggest planet of them all

Despite being red, Mars is a cold place

Venus is the second planet from the Sun

Feature 02

Feature 03

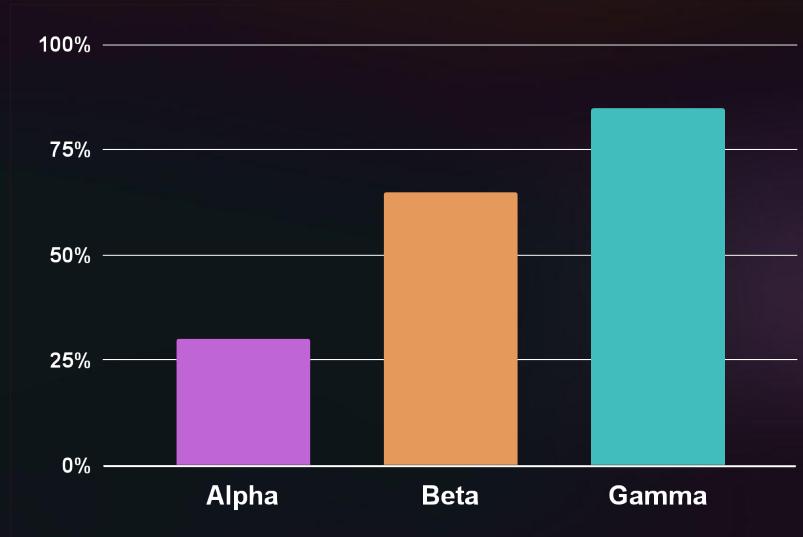
Feature 04

Earth is the third planet from the Sun

SOME QUESTIONS

Questions	Mercury	Jupiter	Uranus
Despite being red, is Mars actually a cold place?	✓	✗	✗
Is Mercury the smallest planet in the Solar System?	✓	✓	✗
Is Jupiter the biggest planet in the Solar System?	✗	✓	✓
Is Earth the third planet from the Sun and does it have life?	✗	✗	✓

PENETRATING POWER



Follow the link in the graph to modify its data and then paste the new one here. [For more info, click here](#)

30%

Alpha

Earth harbors life

65%

Beta

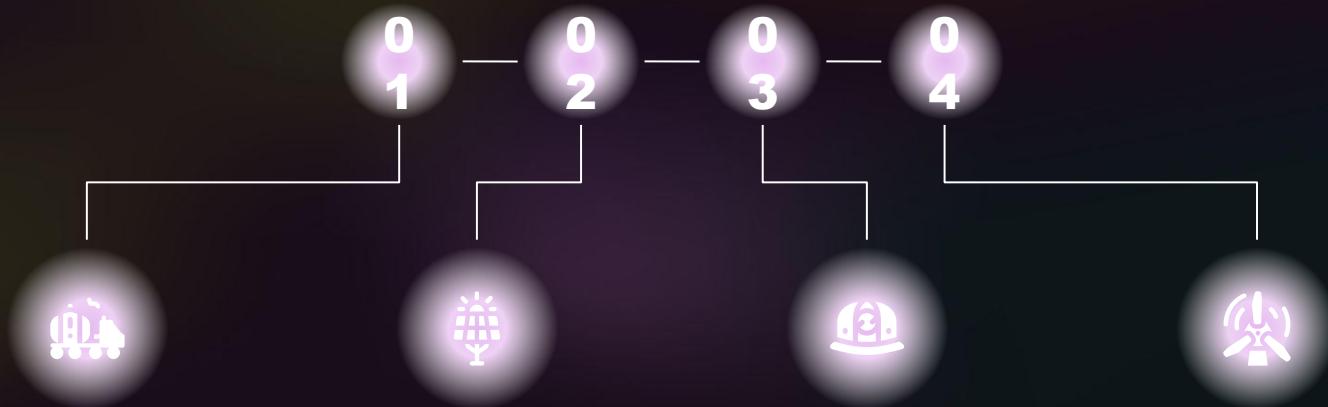
Jupiter is a big planet

85%

Gamma

Mars is a very cold place

ALPHA DECAY PROCESS



Jupiter

It's the biggest
planet of them all

Mercury

It's the closest
planet to the Sun

Earth

Earth is the planet
where we live on

Venus

Venus has a
beautiful name

SOME TIPS FOR THE LESSON

- | | | |
|----------------|---|-------------------------------------|
| Neptune | Neptune is the farthest planet from the Sun | <input type="checkbox"/> |
| Mars | Despite being red, it's actually a cold place | <input type="checkbox"/> |
| Venus | Venus is the second planet from the Sun | <input type="checkbox"/> |
| Jupiter | Jupiter is the biggest planet of them all | <input type="checkbox"/> |
| Saturn | It's composed of hydrogen and helium | <input checked="" type="checkbox"/> |

PHASES OF NUCLEAR MATTER



Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Neptune is the farthest planet from the Sun	Mercury is the closest planet to the Sun	Despite being red, Mars is a very cold place	Venus is the second planet from the Sun	Saturn is a gas giant and has several rings
Neptune	Mercury	Mars	Venus	Saturn

YOU CAN USE THIS GRAPH

65%



Jupiter

Jupiter is the biggest planet of them all



35%



Neptune

It's the farthest planet from the Sun

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

SOME TYPES OF RADIATION



Microwave

S

Neptune is the farthest planet from the Sun



Infrared

Saturn is composed of hydrogen and helium



Radio

waves

Jupiter is the biggest planet of them all



X-rays

Despite being red, Mars is actually cold



Gamma

rays

Mercury is the closest planet to the Sun

THANK

S!

Do you have any
questions?

youremail@freepik.com

+91 620 421 838

yourwebsite.com



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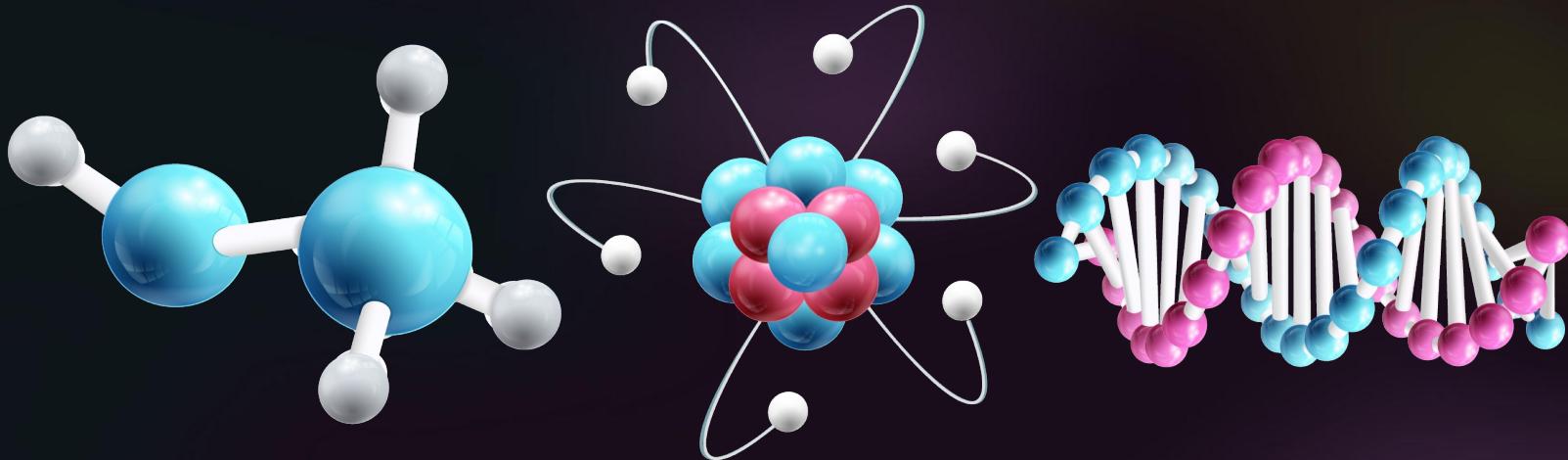
ICON PACK



ALTERNATIVE RESOURCES

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

- [Scientific realistic abstract concept with colorful model of atom on light isolated](#)
- [Scientific colorful abstract concept with molecular connected structure on white isolated](#)
- [Structural chemical formula 3d](#)



RESOURCES

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

Photos

- [Laboratory glassware and microscope arrangement](#)
- [Still life arrangement of test tubes](#)
- [Medium shot scientists in lab](#)
- [Medium shot smiley scientist](#)
- [Side view of female scientist posing in the lab with microscope and surgical gloves](#)

Vectors

- [Nuclear atom banners. nanotechnologies and physical technology banner set](#)
- [Shining atom model. nuclear model of atom with electrons and positrons. illustration](#)

Icons

- [Icon Pack: Nuclear Energy | Filled](#)

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

Barlow

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

#1d1419

#ffffff

#c065d6

#e59a5c

#41bdbd

#eacb49

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

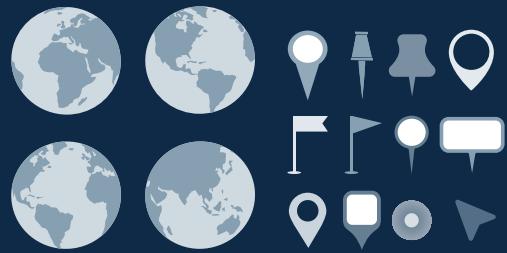


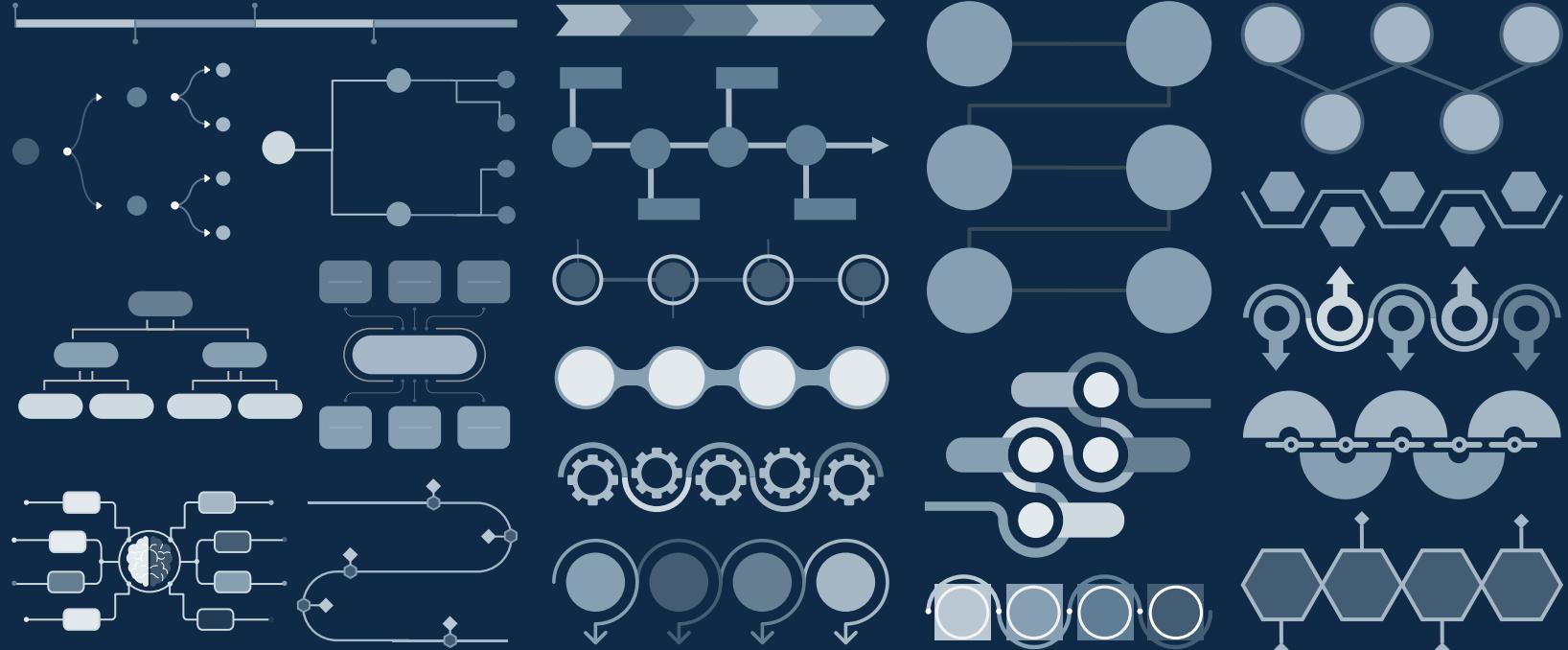
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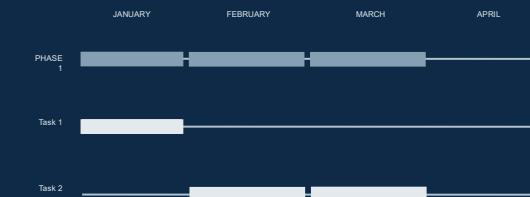
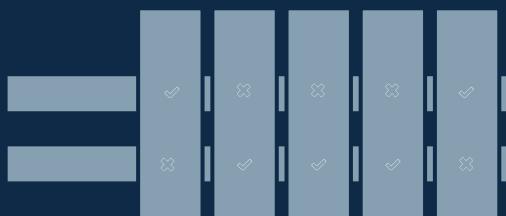
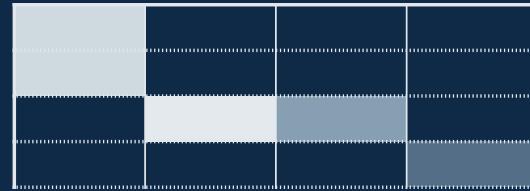
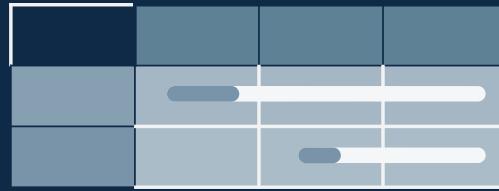
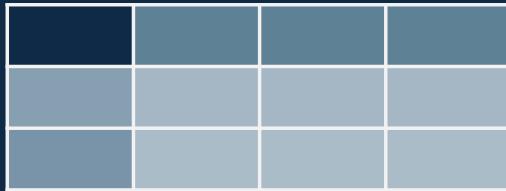
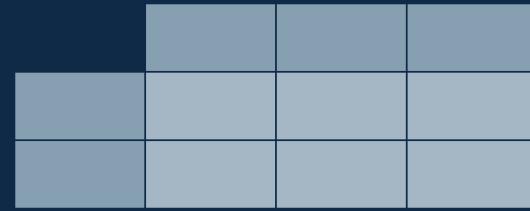
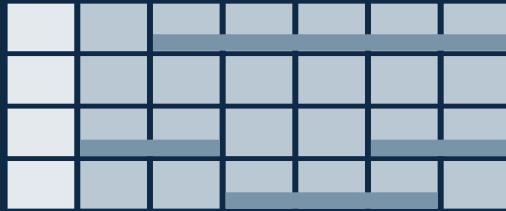
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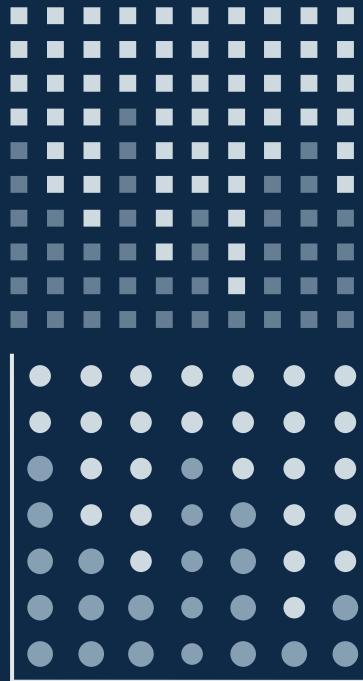












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In Google Slides, you can also use [Flaticon's extension](#), allowing you to customize and add even more icons.



Educational Icons



Medical Icons



Business Icons



Teamwork Icons



Help & Support Icons



Avatar Icons



Creative Process Icons



Performing Arts Icons



Nature Icons



SEO & Marketing Icons



