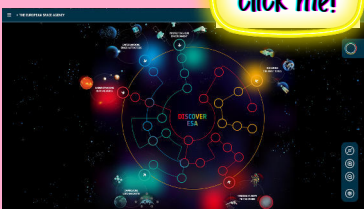




# THE INSTRUCTIONS TO EARTH FROM SPACE

Navigate like a pro and let the adventure begin!

Discover ESA



Zoom in on the most interesting part and tap to learn more!

Start here!



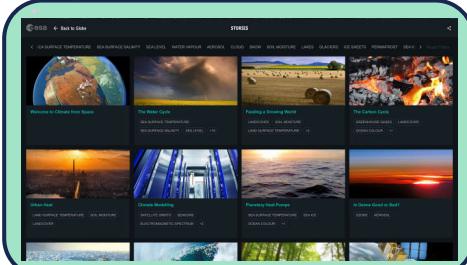
This is the top part of the map. Press on the last circle to explore how ESA studies our Climate!

Find out more!



Press the "home" button on the right part of the screen to go back to the map... or press "X" to continue this adventure!

The following tools will transform you into a real scientist!

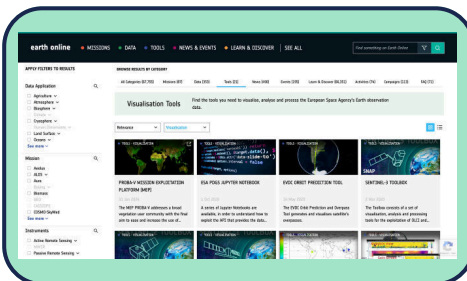


WATCH THESE STORIES!



Which city is the "Sinking City"? Why the food security is at risk? Which greenhouse gas is harmful at ground level?

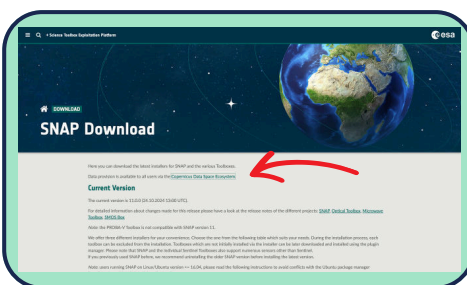
Check on Space Weather!



GET READY TO DISCOVER!



This is the website to the ESA's tools that scientists use every day! Tap any to see the data processing. Isn't it interesting? Find the SENTINEL-2 toolbox!



YOU ARE SO CLOSE NOW!

Tap the green letters: "Copernicus Data Space Ecosystem.", and then continue to the "Copernicus Browser" by tapping the green button!

Ready for Take-Off: Master understanding data visualisation!

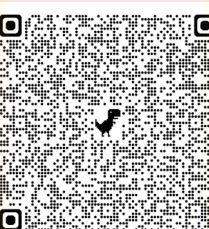
What "SENTINEL-2" is?

QR

Guidelines

Comments

scan me!



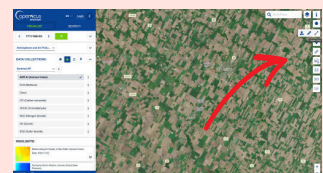
click me!

You are now able to see the Earth's map.

1) Try selecting any of the "Configurations" on the left!  
2) Select one of the "Highlights" below.

Notice the changes on the map!  
Does it take you somewhere else?

It is ok to continue browsing "Anonymously"!



It is now time to experiment even more! Navigate above any of the buttons and find out how you can take measurements or mark any points of your interest!

You can change again the selections on your right!  
Can you notice any difference through the years? (find out by changing the dates!)



# DISCOVERING QUIRKY FACTS ABOUT

# SATELLITES

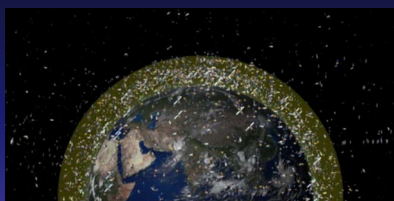


Scan or click!

clean up debris and repair satellites here!

01

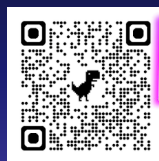
## ORBIT CLUTTER



Outer space may seem empty, but the area around Earth is full of millions of bits of man-made junk!

02

## USING SPACE FOR HUMANITY



Scan or click!

Which substance of the satellite is more important?

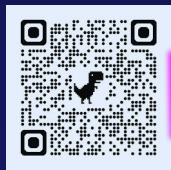
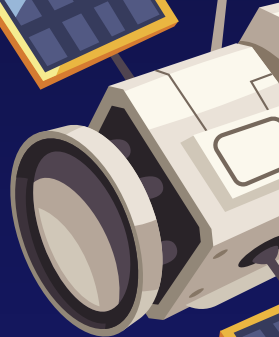
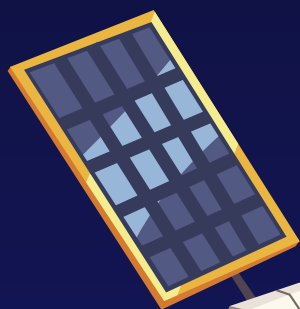
Find out where the only spacecraft hosting human beings is right now!

03

## ANECHOIC FARADAY CAGE



Watch the next video (01) to recognise these 9 m-high spike-lined walls!



Scan or click!

04

## ROCKET SCIENCE INDEED!

Scan or click!



Find out about "Thrust". Why ESA's rockets launch from French Guiana?

05

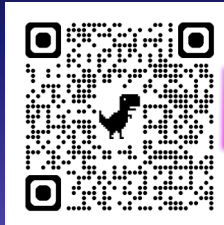
## FROM DEFORESTATION TO OCEAN RESEARCH

As soon as the video ends, try to find out where this workspace is!



07

## INSTRUCTIONS ON HOW TO BUILT A SPACECRAFT



Scan or click!

06

## HOW MANY OF YOU TO REACH ARIANE-6 TOP?

Scan or click!



It is about to launch soon! Search for more info!

08

## WHAT WE HAVE LEARNED FROM MISSIONS SO FAR:



Scan or click!







# MISSION PLAN TO

# STARS & EXOPLANETS

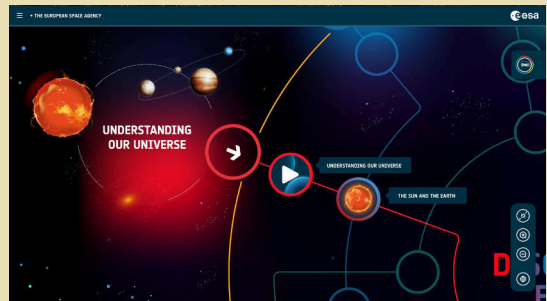
## Intro to our Universe



Scan or Click!

Scan and zoom-in to watch the first video!

How do we see the universe? in different ways?



## Our Star and Us

You will automatically transferred to select the next video! WOW!  
Can you name the second nearest Star to Earth?



Scan or Click!



## Our Solar System

Scan or Click!



Farther out, we encounter not just other planets but also orbiters revealing insights into these extraordinary worlds.

What does Juice explores?



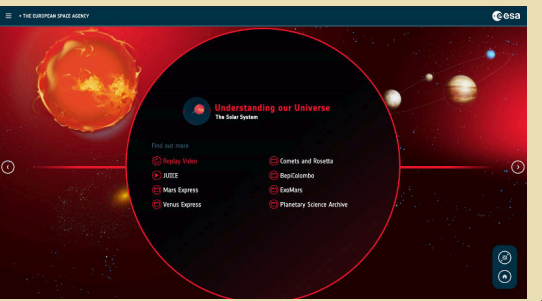
## Missions of exploration

Explore the missions in our S.System—be adventurous by trying different buttons!

Scan or Click!



What about other solar systems? How many are out there?



## Other Stars and Exoplanets



Scan or Click!

Explore this 3D map of other Solar Systems! Pick a star, then tap "Planet" to see the Exoplanets!

What secrets do these exoplanets hold about the possibility of alien life?

