

SUBJECT AREAS:

Natural science - Geography

ACTIVITY DESCRIPTION:

With the help of Google Earth you can explore every part of the planet.

OBJECTIVES:

- To learn about our planet by showing de real images, with possibility to explore more in detail.

MATERIALS:

Computer,
Projector,
Google Earth.

GRADE/LEVEL:

Upper Elementary School (12-14)

DURATION:

Preparation time: 20 min.
Activity time: 45 min.

PLACE:

Classroom

AUTOR:

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Real geography

INTRODUCTION:

Google Earth is able to show various kinds of images overlaid on the surface of the Earth and is also a Web Map Service client. In 2019, Google revealed that Google Earth covers more than 97 percent of the world. This can help a lot to make geography lessons more interesting to students, because you can explore and show how really looks with the help of Google Earth.

BACKGROUND:

Make geography lesson more immersive.

Procedure:

Outline: You can use Google Earth for different geography lessons.

Instruction:

For example, if you are studying a country you could display the most important parts of that country, geographical features, important cities and places.

If your lesson is about the mountains, you can show different mountains around the world. The same is about rivers, lakes, volcanoes...

To make a lesson more interesting you can ask students which specific thing they would like to see on Google Earth in that way you will keep them more engaged and you can also check their knowledge.

Ask students to write a short essay about the things they were able to see through Google Earth, describing in more detail the characteristics of the things they saw.

FUN FACTS:

- *Despite only having launched back in 2001, Google Earth currently covers an astonishing 97% of the planet. Admittedly, 3% is still a lot of ground to cover when you consider just how big the world is – but the fact Google has most of it documented is nothing short of staggering.*
- *You can access Google Earth from a variety of devices.*
- *You can even explore parts of Mars and the Moon with Google Earth.*
- *People have used Google Earth to prepare for and respond to disasters.*
- *If there's one thing that so many of us try to predict with varying levels of success, it's the traffic. However, thanks to GPS data provided through Google Earth, it's never been easier to plan your route to and from work. You can monitor current traffic patterns, in fact, through the Google Maps app – and much of the viewable data is actually provided by users of the service!*

ASSESSMENT:

Essay - You can assign to students to do an essay about different cities or countries in the world, they can explore on Google Earth and describe the journey.

EVALUATION:

Evaluate student's knowledge about what you have seen in classroom by making simple questions about area you have explored.