

In the Geo Exposition, you will explore the planet Earth and its immediate vicinity!



1.

MAPS LIE

Use the string to mark the journey from iQLANDIA to San Francisco. Which places do you fly over on the globe and on the map? Why are they different?

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.....

2.

THE LEVEL IS RISING

Which cities would disappear under the water surface if the global sea level rose by 50 m? Give at least 3 examples of such cities:

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.....
.....

3.

OCEAN CURRENTS

What does warmer water do around the heating element submerged in the water?

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4.

SHELLS ON THE YOLK

Combine the individual continents to make a model of the Pangea supercontinent which existed 200 million years ago. Which part of the landmass traveled furthest to its current location?

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Are the continents still moving? (continental drift)

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5.

CORIOLIS REVOLVING STAGE

Push the ball to the middle of the turntable. Which side does it roll to?

- to the left
 to the right
 it accelerates forwards
 it accelerates backwards

In which hemisphere is this direction of rolling typical?

- East
 North
 West
 South

Select the phenomena in which the Coriolis force manifests itself on Earth:

- Ocean currents turning between the equator and poles.
 Routes of migrating birds when travelling to the south or north.
 Erosion of the right banks of Siberian rivers flowing from the south to the north.
 When riding a slide in a child's playground.

6.

GLASSHOUSE EFFECT

What temperature would the surface of the Earth be if there was no atmosphere?

- A** The temperature would be much higher as the atmosphere shades the sunrays.
B The atmosphere does not affect the Earth's temperature.
C The temperature would be much lower for the atmosphere retains heat reflected from the Earth's surface.

7.

JUMP ON THE MOON

An inclined plane simulates gravity on the Moon. In comparison to the Earth, the gravitational force on the Moon is (select one of the choices).

The same

Stronger

Weaker

None

