



# Structure of Earth

Upper Primary Beginner Science



**EARTH**



**GEOSPHERE**



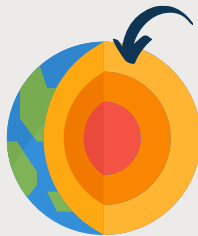
**HYDROSPHERE**



**ATMOSPHERE**



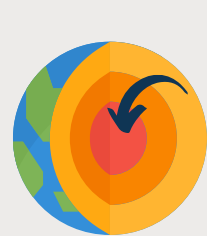
**CRUST**



**MANTLE**



**OUTER CORE**

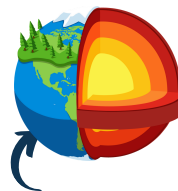


**INNER CORE**



## GEOSPHERE

The **Geosphere** includes all the solid parts of Earth, such as rocks, mountains, soil, and the core deep inside. It forms the land where we live and changes slowly through processes like volcanoes and earthquakes.



## HYDROSPHERE

The **Hydrosphere** contains all the water on Earth, including oceans, rivers, lakes & ice caps. Water moves in a cycle of evaporation, rain, and rivers, shaping the land and providing life for plants and animals



## ATMOSPHERE

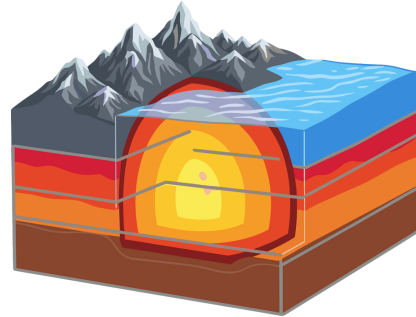
The atmosphere is the layer of gases surrounding Earth, mainly nitrogen and oxygen, which we breathe. It protects us from the sun's harmful UV rays, creates weather like rain and wind, and keeps our planet warm enough for life.

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Answer the following questions.

## Questions:



- 1 What is the Geosphere?
  - a) All the water on Earth
  - b) The solid parts of Earth like rocks and soil
  - c) The air we breathe
  - d) Plants and animals
- 2 Name the four main layers of Earth's geosphere from outside to inside.  

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- 3 The hydrosphere includes oceans, rivers, lakes, and ice, but not groundwater underground. Circle : True or False
- 4 Which layer of the Geosphere is a thin, rocky outer skin where we live?
  - a) Mantle
  - b) Crust
  - c) Outer core
  - d) Inner core
- 5 What gases make up most of the atmosphere? Give two examples.  

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- 6 The mantle is the hottest layer of Earth and is made of molten rock that flows slowly. Circle : True or False
- 7 Fill in the Blank: The atmosphere protects Earth from harmful \_\_\_\_\_ rays and helps create \_\_\_\_\_ like rain and wind.

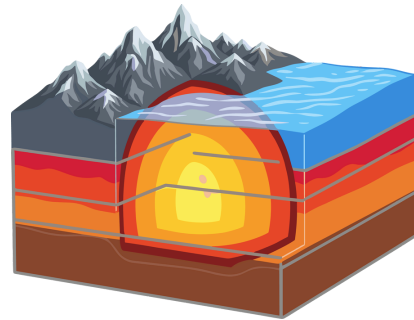


# Structure of Earth - Solutions

Upper Primary Beginner Science

Answer the following questions.

## Questions:



- 1 What is the Geosphere?
  - a) All the water on Earth
  - b) The solid parts of Earth like rocks and soil
  - c) The air we breathe
  - d) Plants and animals
- 2 Name the four main layers of Earth's geosphere from outside to inside.

Crust, mantle, outer core, inner core
- 3 The hydrosphere includes oceans, rivers, lakes, and ice, but not groundwater underground. Circle : True or False
- 4 Which layer of the Geosphere is a thin, rocky outer skin where we live?
  - a) Mantle
  - b) Crust
  - c) Outer core
  - d) Inner core
- 5 What gases make up most of the atmosphere? Give two examples.

Nitrogen & Oxygen

6. The mantle is the hottest layer of Earth and is made of molten rock that flows slowly. Circle : True or False
7. Fill in the Blank: The atmosphere protects Earth from harmful uv rays and helps create weather like rain and wind.