

# Earth's Systems Interactions

## Picture Vocabulary

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## Ecosystem



A community of living and nonliving things in their natural environment

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## Landform



A feature on the surface of Earth, such as a mountain, hill, dune, ocean, or river

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## Organism



A living thing

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## Hydrosphere



All the water in the air, oceans, rivers, lakes, ice caps, soil, rocks, and organisms of Earth

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## Biosphere



The sum of all living matter, made of a limited number of elements, including oxygen, carbon, hydrogen, nitrogen, calcium, and phosphorus

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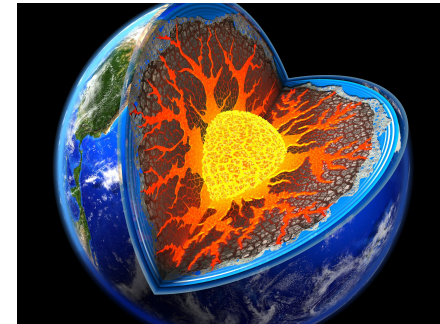
## Atmosphere



The layer of gas surrounding planet Earth, held in place by gravity and composed of a limited number of elements—primarily nitrogen and oxygen

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## Geosphere



The portion of Earth's system that includes Earth's interior, rocks and minerals, landforms, and the processes that shape Earth's surface

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## Molten Rock



Rock heated to a temperature that is sufficient to turn it into a thick liquid

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## Sediment



Sand or small pieces of rock broken down by weathering and deposited on land or at the bottom of a body of water

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## Interactions



Actions by one thing that have an effect on a different or separate thing

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