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One Connected Earth







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One Connected Earth

A blue planet, one home



THE IDEA

Oceans connect much of Earth's surface. From space, we see broad land and water patterns. Political borders are usually not visible lines on the ground.

Maps add borders and labels to help us describe places. Those lines are information, not walls around the air.

CHECK YOUR THINKING

What does a map border represent?

A A wall that stops clouds

B An agreed political boundary

B. Political boundaries organise territories. Air and water can move across them.

A RELATED EXAMPLE

An address fits inside another

A place belongs to larger places. A classroom is in a school, in a town or village, in a state or union territory, in India, on Earth. Use a fictional school address in class. A globe helps show the larger location, not a particular classroom door.

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A bird crosses borders



THE IDEA

Migration connects distant habitats. Rosy starlings travel between breeding areas in parts of Eurasia and wintering areas including India.

They feed on insects such as grasshoppers as well as other foods. Safe feeding and resting places matter along the journey.

CHECK YOUR THINKING

What does a migrating bird need?

A Suitable places along its journey

B Only a safe arrival point

A. A long journey needs food, rest and suitable habitat at several places, not just its final destination.

A RELATED EXAMPLE

One change can travel through a web

A bird, an insect and a crop are connected. Insect-eating birds can reduce some crop pests. Birds also depend on safe nesting and feeding areas. Changing one part can affect others. This does not mean a single bird solves every farming problem.

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Familiar food may have travelled



THE IDEA

Origin and current use are different facts. Chillies, tomatoes, potatoes and maize have origins in the Americas. People carried crops to other regions through trade and travel.

A food can become part of local cooking even if its ancestors grew elsewhere. 'Grown here' does not mean 'originated here'.

CHECK YOUR THINKING

Can a crop be locally grown but have an origin elsewhere?

A Yes, crops have travelled

B No, the two meanings are identical

A. Where a crop grows today and where it originated are different questions.

A RELATED EXAMPLE

Skills travel too

People share ways of making things. Methods for processing sugarcane into sugar developed and spread through exchanges between regions, including important developments in India. The journey carries knowledge as well as a crop. New tools and methods can change how people work.

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People move animals too



THE IDEA

A journey can be migration or human transport. Indian cattle breeds have contributed to cattle breeding in Brazil. People transported the animals; they did not migrate across the ocean on their own.

Animals moved to new places still need suitable food, care and conditions. Results depend on the place and purpose.

CHECK YOUR THINKING

Which journey is human-organised transport?

A. A bird making its seasonal migration

B. Cattle taken by people to another country

B. People plan the cattle's movement. Seasonal migration is a recurring movement made by the animals themselves.

A RELATED EXAMPLE

A flower becomes part of a celebration

A plant can gain a new cultural meaning. Marigolds from the Americas became widely grown in India. People use them in many celebrations. A plant's origin and a community's use are different parts of its story. Neither makes the other unimportant.

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A shared problem needs shared care



THE IDEA

Air and water do not stop at borders. Pollution released in one place may affect another. Migrating animals may depend on several countries.

Local action matters, and cooperation matters too. A clean boundary on a map does not create a separate planet.

CHECK YOUR THINKING

Why cooperate on environmental problems?

A Only one country uses air

B Effects can cross borders

B. Connected natural systems can carry effects beyond their source, so cooperation can help protect shared resources.

A RELATED EXAMPLE

Ideas cross oceans

Sharing can keep a history alive. Yoga developed in India and is now practised in many places. Games, music and scientific ideas also travel through teaching. Respectful sharing recognises origins and people. It does not require every place to use an idea in exactly the same way.

ONE LAST CHALLENGE

How do its needs connect the two places?

A bird feeds in one wetland and later migrates to another.



THE REVEAL

It relies on suitable habitats along its route.

Damage to one stop can affect a bird that spends much of the year elsewhere.

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