

L39 — Maps and Real-World Directions

Read Aloud Passage

Left and right depend on which way your body is facing, so they cannot give directions another person can reliably follow. North, East, South, and West are fixed and the same for everyone. You can find them using the sunrise or a compass.

A compass works because the Earth itself behaves like a giant magnet, and the needle lines up with that field. A map is a scaled drawing or representation of a place as viewed from above. Maps can show location, direction, distance, boundaries, and other information.

A round Earth cannot flatten into a map without distortion. Mercator sacrifices size, Gall-Peters sacrifices shape, and Robinson trades off a little of several properties instead of preserving any one perfectly. Because of Mercator-style stretching near the poles, Africa looks small on most classroom maps. It is actually about 14 times the size of Greenland.

Activity 1

One statement below does NOT belong with the others about maps and real-world directions. Circle it and explain why it does not belong.

- A. Left and right depend on which way your body is facing, so they cannot give directions another person can reliably follow.
- B. North, East, South, and West are fixed and the same for everyone.
- C. A compass works because the Earth itself behaves like a giant magnet, and the needle lines up with that field.
- D. Soil is broken rock plus humus, air, and water, not just dirt.

Why does it not belong?

Activity 2

Because / But / So — complete each sentence three different ways.

Left and right depend on which way your body is facing, so they cannot give directions another person can reliably follow because

Left and right depend on which way your body is facing, so they cannot give directions another person can reliably follow but

Left and right depend on which way your body is facing, so they cannot give directions another person can reliably follow so

Activity 3

Start with the kernel sentence. Use the prompts to expand it into a more detailed sentence.

Kernel sentence: North, East, South, and West are fixed and the same for everyone.

How?

Why?

Write your expanded sentence:

Activity 4

Write one of each type of sentence about maps and real-world directions.

Statement (Declarative):

Question (Interrogative):

Exclamation (Exclamatory):

Command (Imperative):

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