Heat Moves: Winds Around the World

Name _____ B _____

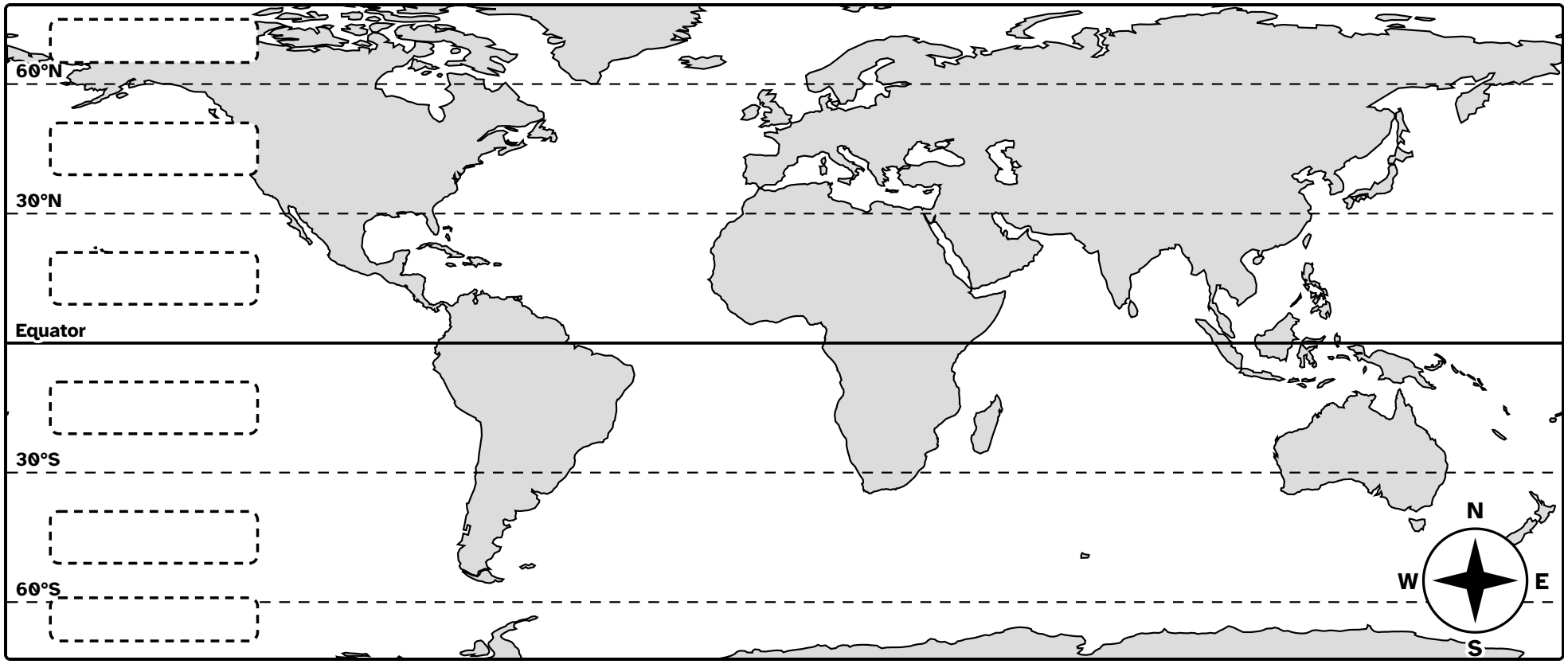
The sun heats the Equator the most. Uneven heating makes air move. The big winds push the ocean currents.

1 Draw **3 or more arrows** in each band to show which way the wind blows. Use the compass. ☐

2 Write the wind's name in each box. ☐

Trade Winds | Westerlies | Polar Easterlies

3 Answer the questions under the map. ☐



4 Near the Equator, the wind blows toward the _____. In the U.S., the wind blows toward the _____.

How do winds change ocean currents? _____

Heat Moves: Air Moves in Loops

Name _____ B _____

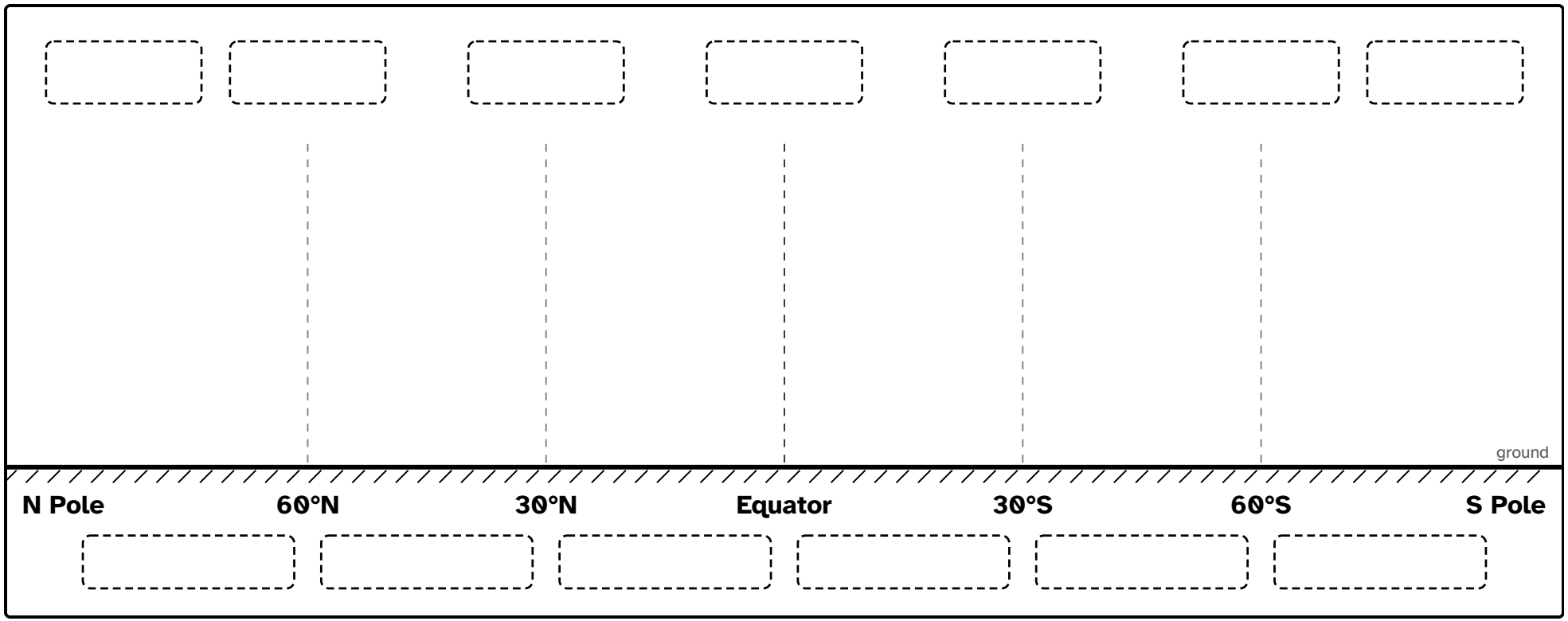
This is a **side view** of the air from the North Pole to the South Pole. The ground is at the bottom. Air moves in 3 loops on each side of the Equator.

1 Draw **6 loops**, one between each pair of lines. Add **arrows** to show which way the air goes. ☐

2 Write **rises** or **sinks** in each box at the top. ☐

3 Write the wind's name under each loop. ☐

Trade Winds | Westerlies | Polar Easterlies



4 Air rises at the _____, _____ and _____. Air sinks at _____ and _____.

Which part of each loop is the wind we feel? _____