

Student instructions for mapping activity:

1. Read the descriptions of water scarcity in the table on your information sheet.
2. Use these descriptions and the map of world regions to complete a shaded map showing regions of the world with either economic or physical water scarcity.
3. When you have finished, describe the pattern of global water scarcity.
 - You can use the different descriptions in the table to help you phrase your answer and identify examples and exceptions, but do not copy the information directly.
 - You should be picking out overall patterns rather than describing each region in turn. (Hint: think about latitude).

Challenge:

Can you explain **two** reasons for the patterns of global water scarcity you have identified?

A map of world regions (United Nations)



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Student information sheet:

Region	Description of water scarcity
North America	There is little or no water scarcity in North America, with the exception of the southwest USA, which has physical scarcity.
Central America	Most of Central America suffers from economic water scarcity. There are two exceptions: Panama and Costa Rica have little or no water scarcity issues.
The Caribbean	Most of the Caribbean has little or no water scarcity, with the exceptions of Haiti and Puerto Rico who have economic water scarcity.
South America	Within South America, Uruguay, Guyana, Suriname and Ecuador do not have water scarcity issues, but the rest of the continent struggles with economic water scarcity.
Europe (Northern, Eastern, Southern and Western)	There are no significant water scarcity issues in any region of Europe, although there may be local and seasonal problems.
Western Asia	Within Western Asia (also often called the Middle East), almost all countries suffer from physical water scarcity. Turkey has issues with economic water scarcity.
Northern Africa	Morocco has economic water scarcity, while the rest of Northern Africa has physical water scarcity.
Western, Middle and Eastern Africa	Most of sub-Saharan Africa (the regions south of the Sahara desert) suffers from economic water scarcity.
Southern Africa	The Republic of South Africa suffers from physical water scarcity, while people in Lesotho and Swaziland have economic water scarcity.
Australia and New Zealand	The southeast of Australia struggles with physical water scarcity, but the rest of the country has little or no water scarcity. New Zealand does not experience water scarcity issues.
Southern Asia and Central Asia	All of Central Asia and most of Southern Asia suffer from physical water scarcity, but the eastern and southern coastal regions of India have more problems with economic water scarcity. Sri Lanka has no particular water scarcity issues.
Eastern Asia	The northern parts of China suffer with physical water scarcity, while the rest of China has problems with economic water scarcity. North and South Korea have no particular water scarcity issues.
Southeast Asia	The region suffers with economic water scarcity.

A map to show global water scarcity



- ☐ Little or no water scarcity
- ☐ Economic water scarcity
- ☐ Physical water scarcity