



What I should already know:

The difference between human and physical features and that landscapes vary.

A basic understanding of weather and that there are different climate zones around the world.

At the end of this topic, I will know:

The lines of latitude where hot desert biomes are located.

The characteristics of a hot desert biome.

The location of the largest deserts in each continent.

Ways the Mojave Desert is used and recognize that it has a different time zone to the UK.

The physical features found in a desert.

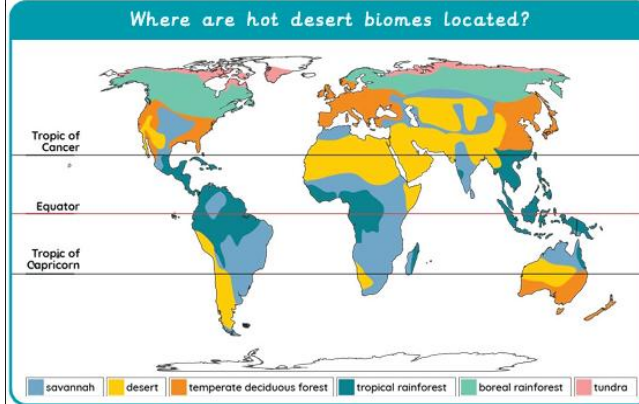
How humans use the desert and explain how human activity may contribute to the changing climate and landscape of a desert.

Some of the threats to deserts.

The benefits and drawbacks of living in a desert environment.

The characteristics of two contrasting biomes and compare land use.

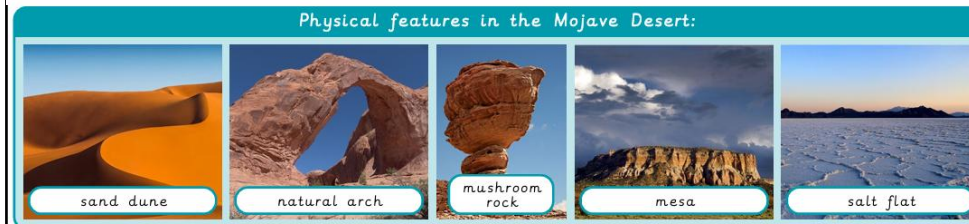
Key Facts:



A hot desert biome is hot, dry and arid, although temperatures can drop at night and occasional heavy downpours can occur.

How do people use the Mojave Desert?

- Protecting areas of natural beauty in national parks.
- Recreational purposes like hiking or quad biking.
- Ranching and farming.
- Military bases and training.
- Mining precious minerals.
- Generating renewable energy.
- Living in settlements.



Vocabulary

desert	A stretch of land with little to no rainfall and extremely sparse vegetation and wildlife.
biome	An area of the world with a similar climate, landscapes, plants and animals.
vegetation	All the plants that grow in a certain area.
arid	Too little rain to support vegetation.
climate	Long-term weather conditions in a specific region
sparse	Only a small number of something over a large area.
barren	Land that cannot grow vegetation.
nature reserve	An area where plants and animals are protected.
mesa	A mountain with steep sides and a flat top.
salt flat	A flat area of land covered in salt, caused by evaporation.
sand dune	A hill made of sand.
lines of longitude	Invisible vertical lines mapped on the globe to show how far east or west a place is from the Prime/Greenwich Meridian.
mining	Digging underground for precious metals and stones.
ranching	Keeping animals on a large farm, particularly in the Americas.
prime meridian	The line of zero degrees longitude that defines all time zones.
recreational land	Land which provides fun activities.
renewable energy	Energy generated from a continuous source, such as wind or water.
desertification	When land turns into desert.
agriculture	The process of family and looking after cattle and crops.
drought	A long period of time without rain in which living things begin to suffer.
irrigation	Water provided to an area of land to grow crops.
settlement	A community where people live.