



# Knowledge Organiser: Would you like to live in the desert?



## Sticky Knowledge

I know that Biomes are regions of the world with similar climate (weather, temperature) animals and plants.

I know the Mojave desert is located largely in California, but also spanning Nevada, Utah and Arizona.

I can describe some of the world's vegetation belts including Desert, Savannah, Tropical Rainforest, Boreal Rainforest and Temperate Deciduous Forest.

I know the Prime/Greenwich Meridian is a line of longitude which goes through 0 degrees and determines the start of the world's time zones.

I know which factors are considered before people build settlements.

I know that natural resources can be used to make energy.

I know some negative impacts of humans on the environment.

I know how some of the physical features of Death Valley were formed.

I know the threats and dangers of living in the desert.

I know how humans can use the desert as a benefit.

## Sticky Vocabulary

**Biome** – An area of the world with a similar climate and landscape; where similar plants and animals live.

**Desert** – Any stretch of land with little to no rainfall and extremely sparse vegetation and wildlife.

**Nature reserve** – A piece of land managed to look after its plants, animals and physical features.

**National park** – A large area of land which is protected by law.

**Barren** – Land that cannot grow vegetation.

**Time zone** – An area of the world divided by imaginary lines called Meridians.

**Desertification** – The process by which vegetation decreases and eventually disappears.

**Irrigation** – The supply of water to land or crops to promote growth.

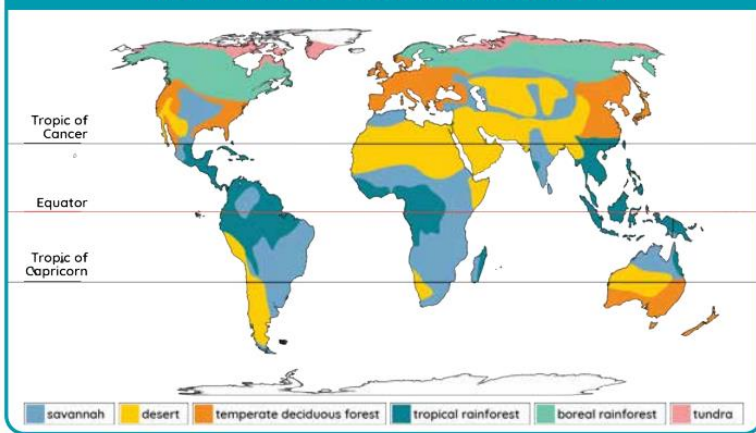
**Drought** – A prolonged period of abnormally low rainfall, leading to a shortage of water.

**Arid** – Too little rain to support lots of vegetation.



## Location knowledge

### Where are hot desert biomes located?



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

### Threats and dangers:



drought



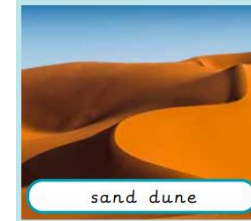
flash floods



desertification

## Geographical skills and fieldwork

### Physical features in the Mojave Desert:



sand dune



natural arch



mushroom rock



mesa



salt flat

### 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 resources.
- Generating renewable energy.
- Living in settlements.

