

# Build a Desert Biome

A desert biome is one of the six main types of global environment. A desert receives less than 25cm of rainfall a year, has high rates of evaporation and is made up of dry soil with no, or very little, surface water. Desert biomes cover one fifth of the world's land area. The plants and animals that live there have adapted to survive in a desert climate.

## What You Need:

- A clean, clear jar with a lid (this can be glass or plastic)
- A small succulent or cactus
- Soil
- Sand
- Sticks
- Small stones
- 200ml water

## What You Do:

1. Make a mix of  $\frac{3}{4}$  sand to  $\frac{1}{4}$  soil.
2. Fill your jar with the sand/soil mix until it is half full.
3. Place your plant into the jar and add more of your sand/soil mix.
4. Place a few sticks and stones on the surface of your 'desert'.
5. Pour about 200ml of water into the jar.
6. Put the lid on your jar and place it on a window sill in the sun.
7. To see if your biome is working, after a few days, there should be condensation on the inside of the jar.

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