

Build a Desert Biome Science Activity for Kids



To build a desert biome you will need:

- [Sand](#)
- [Dirt](#)
- [Jar or bottle with sealed lid](#)
- Sticks
- Rocks
- Desert plants ([we used a succulent](#))
- Water
- [Desert animal or bug toys](#) (optional)

- Create a mixture of sand and dirt that is mostly sand. The dirt is still necessary to allow the plants to grow. That is why in areas where there is solid sand, you don't really see much of any plant life. Pour the mixture into the jar.
- Let the kids arrange the plants/rocks/sticks etc. however they like into the jar. Pour about half a cup of water into the jar.
- Close the top of the jar and place it in a sunny place. In just a couple of days, you should see a bit of condensation near the top of the jar. This indicates your biome is working!

Note how the plant reacts and grows over a period of several weeks. Our cactus is quite happy in its jar.