saguaro cactus: type of plant found only in the Sonoran Desert



https://en.wikipedia.org/wiki/Saguaro

climate change: a pattern of global or regional changes in the weather over time



https://climate.nasa.gov/effects/

migration: movement of people or animals from one region to another



https://reimaginingmigration.org/the-story-of-migration-is-the-story-of-humankind/

acanthochronologist: scientist who studies the saguaro



https://ecuen.com/stock-photo/12956/man-standing-next-to-a-cactus-looking-down

atmospheric carbon dioxide: a gas that is produced when people and animals breathe out or when certain fuels are burned and is found in Earth's atmosphere



https://spectrum.ieee.org/energywise/green-tech/clean-coal/a-cheaper-way-to-turn-co2-into-synthetic-fuel

necrosis: type of disease in cactus



https://www.gardeningknowhow.com/ornamental/cactisucculents/saguaro/bacterial-necrosis-of-saguaro.htm