How DO CLOUDS form?

Sun
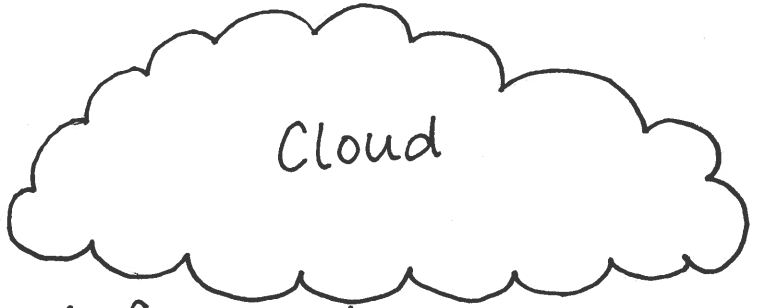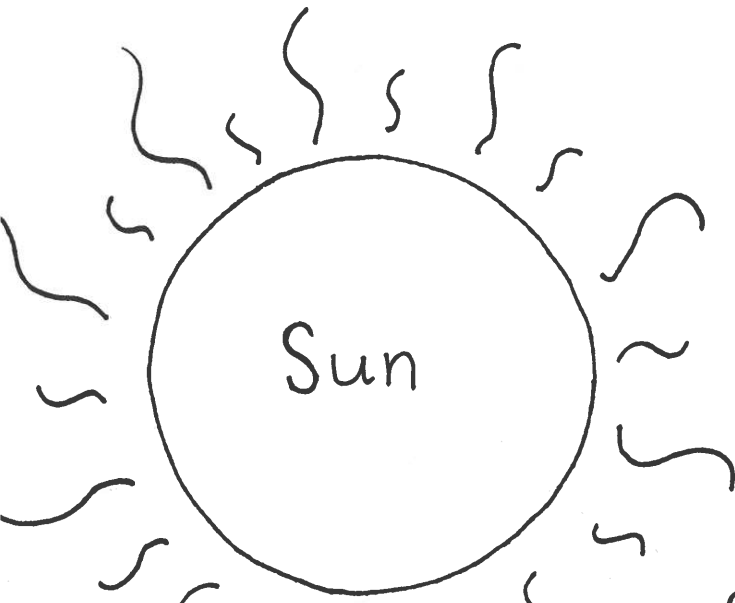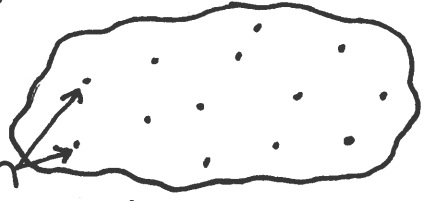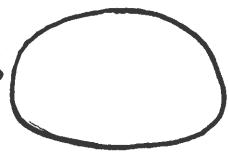
Cloud

clouds form and grow when there is more condensation than evaporation taking place
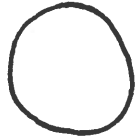
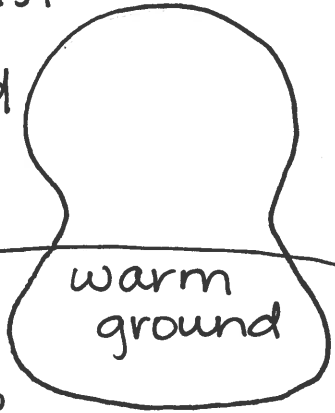water vapor condenses onto cloud condensation nuclei, once the parcel reaches 100% RH

Heat

Heat

As the parcel rises, it expands due to lowering pressure

a parcel rises and cools

warm, moist air above the ground

surface heating

warm ground

ground

MW