



WATER IN THE AIR

A Record of Humidity and the Response of the Pine Cone

Fill out the chart. Then unscramble the word to complete the sentence.

Date that I hung the pine cone outside: _____

Date	Humidity		The Response of the Pine Cone open/close
	(0 – 100)%	high/mild/low	

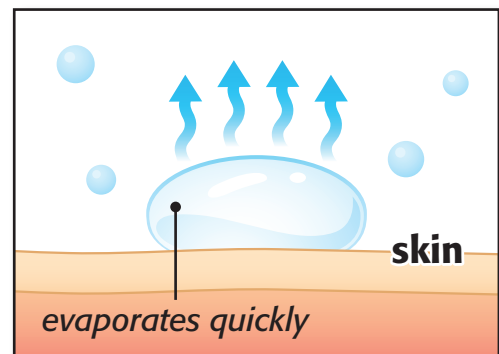
The scales of the pine cone will continue to open and close as the _____ changes.
i u h m i d t y



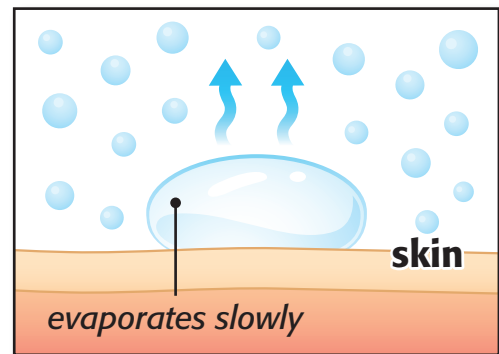
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Feeling Hotter on a Humid Day?

Water evaporates quicker when the air is dry than when the air is humid. For this reason, sweat evaporates quickly on a hot and dry day, which means that heat is also carried away faster along with the sweat. On humid days, when the air already has large amounts of water, sweat evaporates slowly. This explains why it feels so much hotter in high humidity.



Dry Days



Humid Days



It is 32 °C now, but because of humidity, it feels like 40 °C!