

2

Our bodies are machines that always make heat. When the weather is hot, there is even more heat. Luckily there's a way to get rid of it - you know, a cooling system.

A fluid that moves all through our bodies is blood. (1) As it travels, blood picks up excess heat. Blood moves heat from the inside of your body to the surface of your skin. (2) Sweat glands are all over your body. They remove some of the fluid in blood

Sweat glands usually return things like salt and potassium back to the bloodstream. But when

it's really hot and the sweat is pouring out, they can't keep up, and you can start to feel dizzy from the loss of salts in your blood.

Sports drinks are really just water with salt and potassium and enough sugar to mask the saltiness. They help you restore the salts you lost from sweating, and lost fluids, too.

P.S. from Jax: Back in olden times, when people were sexist, they said: "Horses sweat. Men perspire. Ladies glow." Now everyone sweats.