

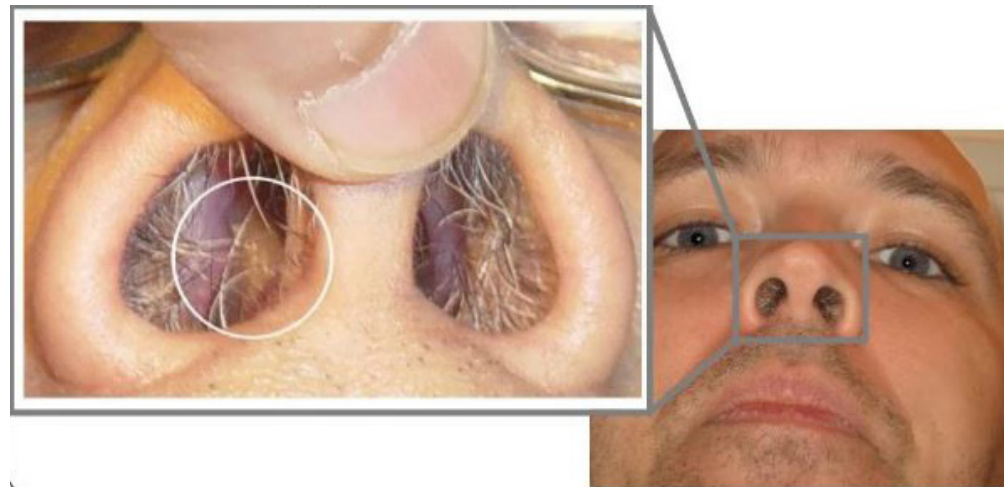
The burning of wood and the explosion of dynamite are exothermic reactions. They are exothermic reactions because they give off energy as the reaction proceeds.



Figure 16-9
The burning of wood is an example of an exothermic reaction.

Rusting is also exothermic, but the reaction proceeds so slowly that it is difficult to detect any temperature change.

The cells that line the nasal cavities have cilia, tiny hairlike extensions that can move together like whips. The whiplike motion of these cilia



sweeps the mucus into the throat, where you swallow it.