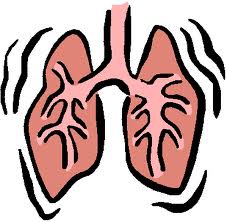
**Why is diffusion at the lungs so effective?**

***Diffusion- movement of substances from an area of higher concentration to a lower concentration***

* Thin membrane/ cell wall
* Short distance to travel
* Large differences in partial pressures
* Large contact/ surface area
* Slow blood flow.