

RESPIRATION

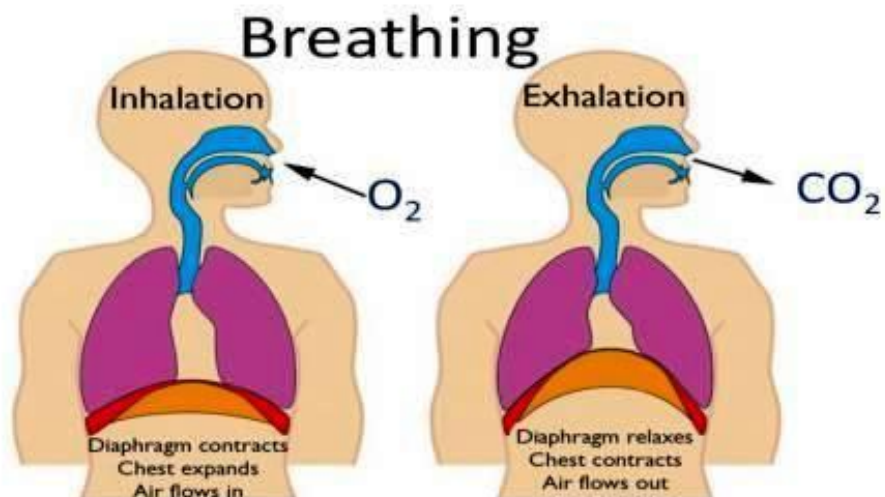
BREATHING	CELLULAR RESPIRATION



QUICK REVIEW: CELLULAR RESPIRATION...REMEMBER THIS EQUATION?

Why do we need to breathe?

1:

2:



DIAPHRAGM:	
LUNGS:	

WHAT DO THE PARTS OF YOUR RESPIRATORY SYSTEM DO WHILE YOU INHALE AND EXHALE?

RIBS		
DIAPHRAGM		
VOLUME OF CHEST CAVITY		
PRESSURE		
AIR MOVEMENT		

CONTROLLING YOUR BREATH



CONSCIOUS

SUBCONSCIOUS

Controlled by the **Medulla Oblongata**

- Part of _____
- When it is activated, it _____

Chemoreceptors

a. CO₂

- _____

_____.

• When levels are _____, chemoreceptor is _____
and breathing rate _____

- Very sensitive

b. O₂

- _____ (normal inhalation takes a lot of oxygen)
- At higher altitude, air is thinner, fewer molecules
- Chemoreceptors for oxygen will
