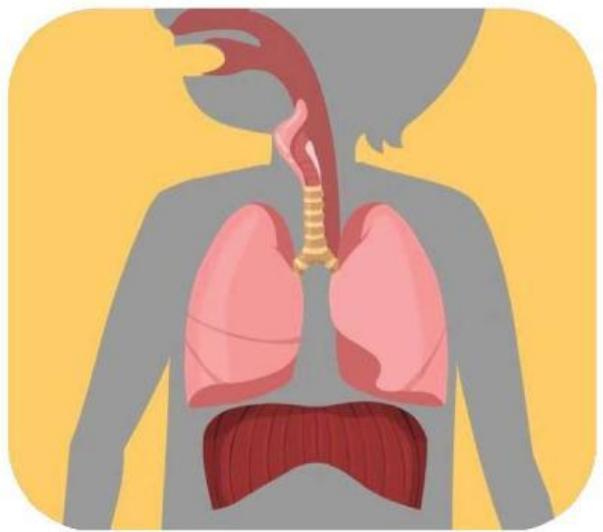




# Respiratory System

The **respiratory system** is the group of organs we use for respiration and breathing.

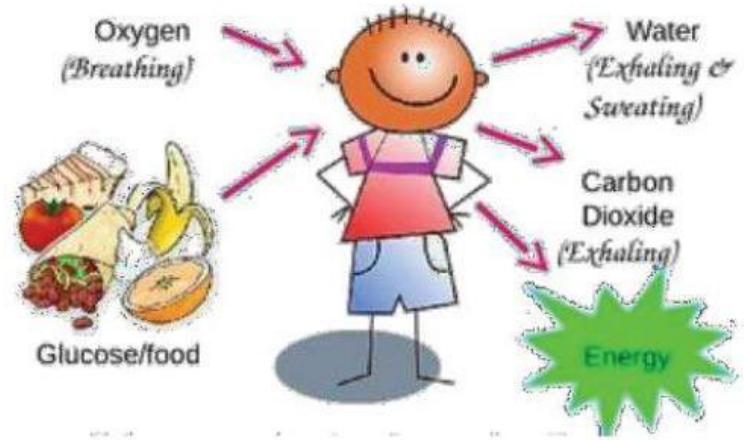
Organs or body parts involved include:





# Cellular Respiration

is  
when cells use food  
(ex: glucose) to make  
energy.

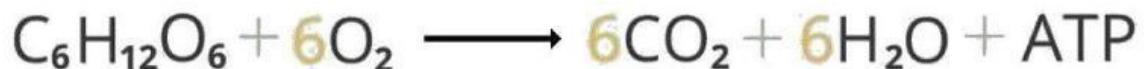


# Respiration Equations

word equation



balanced chemical equation



the cell organelle that releases energy from food molecules

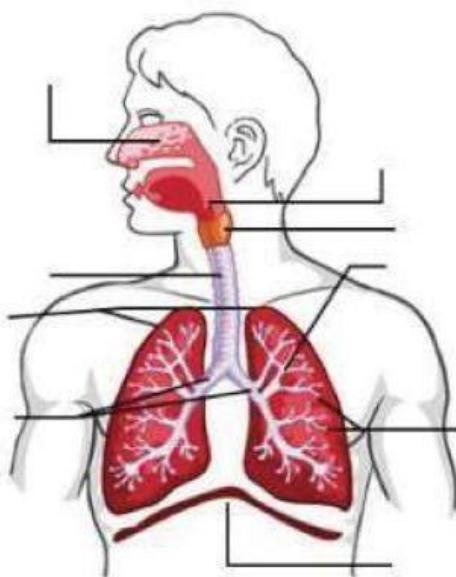


LIVEWORKSHEETS

17) What is cellular respiration?

## Part 1: Respiratory Organs

18. Label the parts of the Respiratory System below.

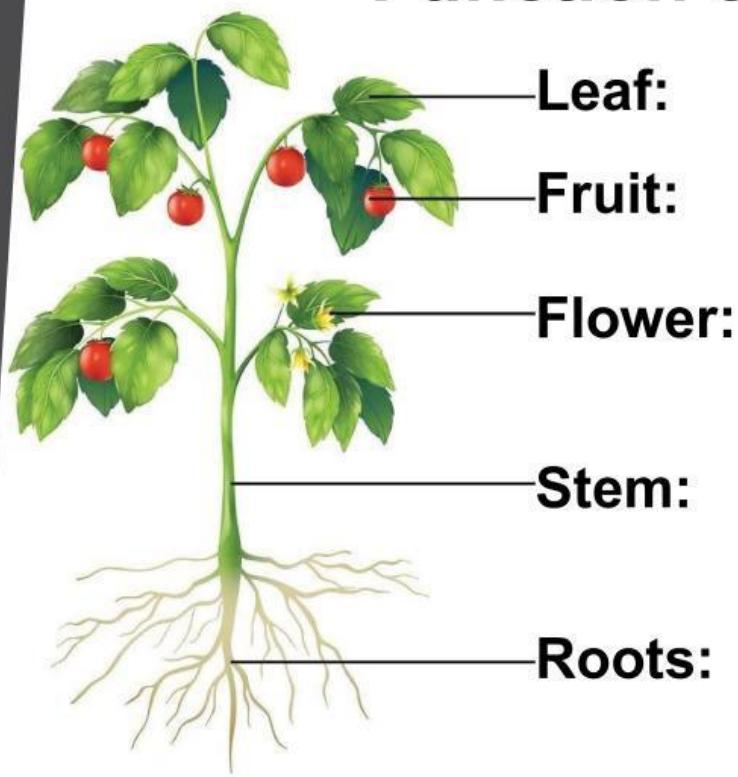


19) A) What is the chemical equation for aerobic respiration?



B) Underline the reactants and circle the products.

# Function of Plants



# Germination

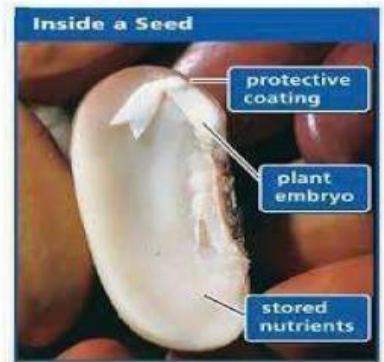
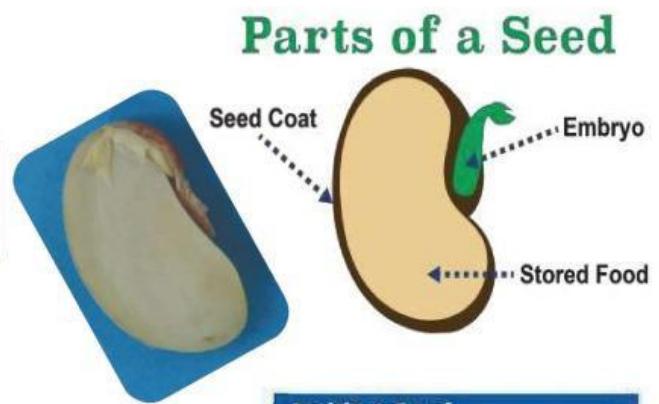
is when a seed starts to grow.

Parts of a seed:

1. Seed coat:

2. Embryo:

3. Stored food:



EMG Education

LIVEWORKSHEETS

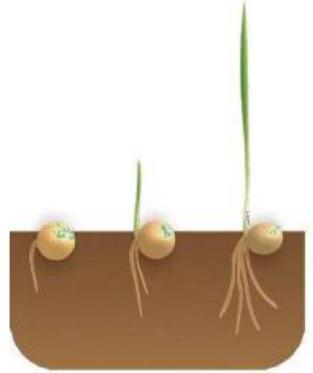
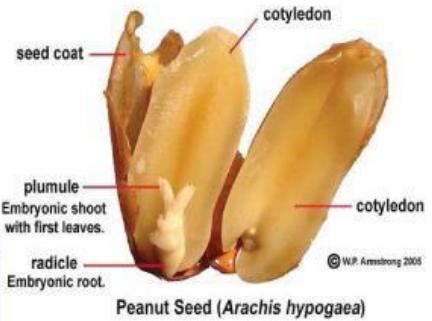
# Germination

## Steps to germination:

2. Embryo uses stored food for energy to begin to grow

3. Embryo sends out a root (it grows down because it senses gravity).

4. The shoot (stem and leaves) grow upward.



# Plant Adaptations

are special characteristics that allow organisms to survive in particular habitats.

Plants adapt to:

- get sunlight, water, air and nutrients
- not be eaten
- stay rooted in the ground
- reproduce



EMG Education

LIVEWORKSHEETS

- 20) What is Germination?
- 21) Germination requires what in order for it to begin?
- 22) What is an adaptation?
- 23) Where does photosynthesis happen in most plants?
- 24) What part of the plant is used to make the seeds?
- 25) What part of the plant is used to store the seeds?
- 26) What part of the plant is used to anchor the plant?