Respiration

<u>WHO</u>: all living things (plants, animals, etc.)

WHAT: breaking down food to release stored energy

WHEN: anytime energy is needed

WHERE: cytoplasm and mitochondria

<u>WHY</u>: to release energy from food to live, grow, reproduce, etc.

HOW:

 $C_6H_{12}O_6 + 6 O_2 ---> 6 CO_2 + 6 H_2O + energy (ATP)$

(glucose)