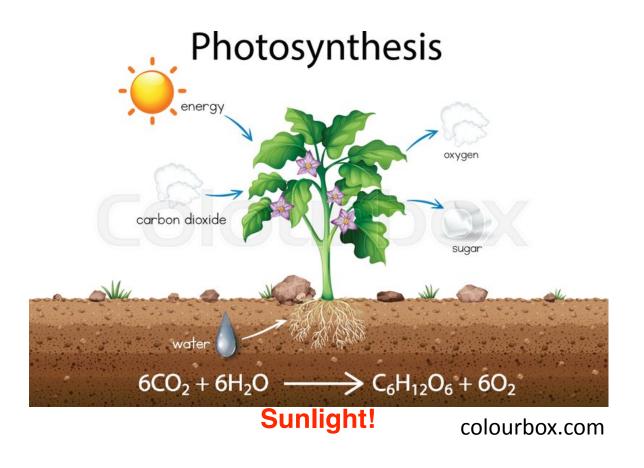


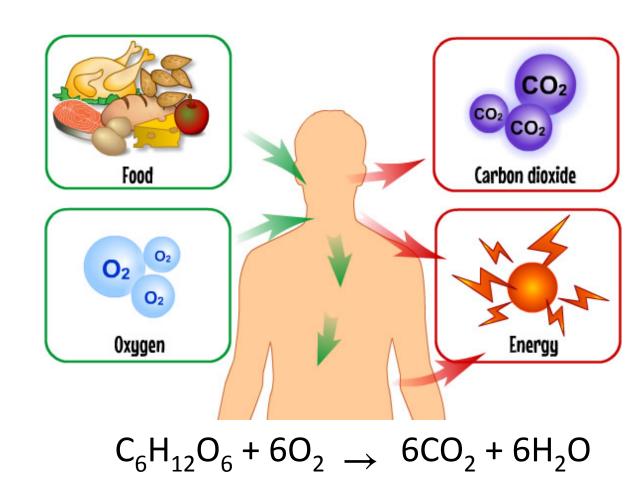
Pop quiz

- The body of a tree comes from atmosphere.
- Which product of photosynthesis can be made into plant structure?
 C₆H₁₂O₆ (the glucose molecule)
- Energy for reaction to happen comes from sunlight.
- Photosynthesis is the basic reaction that provides the power for plant and animal life on Earth.
- Fossil fuels come from <u>plant matter</u> that was created by photosynthesis.



Pop quiz cont.

- Animals get energy through <u>eating</u> and <u>breathing</u>.
- Aerobic respiration <u>increases</u> CO₂ in the atmosphere.
- Burning fossil fuels to get energy is similar to aerobic respiration.



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CO₂ Record

Seasonal variation due to most plants being in the Northern hemisphere (more photosynthesis in NH summer)

10-6



Mauna Loa 1958 - 2018

