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# PHOTOSYNTHESIS

Photosynthesis is the name given to the process which plants use to convert light energy into chemical energy. The process has been understood since the 1800s.

The main ingredients in photosynthesis are carbon dioxide and water. Sunlight provides the energy to convert these to glucose and oxygen.

In plants, the leaf is the main place in which photosynthesis takes place.

*The word Photosynthesis comes from the Greek photo, meaning light, and synthesis meaning putting together.*



The general equation for photosynthesis is:  
carbon dioxide + water + light energy → glucose + oxygen + water

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