

6 Photosynthesis – Part 1 —Answers

Answers

Work through these after trying the questions yourself.

6.1 carbon dioxide + water → glucose + oxygen.

6.2 Light and chlorophyll.

6.3 Chlorophyll.

6.4 Any two of: store as starch; make cellulose for cell walls; use in respiration for energy; change to sucrose for transport.

6.5 To make amino acids (and so proteins).

6.6 With no **light**, photosynthesis cannot happen (light energy is needed). The plant keeps respiring, so it **uses up** its stored starch for energy.