

# 6 Photosynthesis – Part 1 — Answers

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## Answers

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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.