

English

Chinese

**Main Idea**

5 LS 2.f; 5 LS 2.g

**Plants use carbon dioxide and sunlight to build sugar and release oxygen. Plants and animals break sugar down to release energy, carbon dioxide, and water.**

**主題思想**

5 LS 2.f; 5 LS 2.g

植物利用二氧化碳和陽光來製造糖分並且釋放出氧氣。動植物會分解糖分以釋放出能量、二氧化碳和水。



Leaves capture and use the energy of the sun to make food through photosynthesis. (pp. 92–93)

葉子可以捕捉並利用太陽的能源，來透過光合作用製造食物。(第 92–93 頁)



**Photosynthesis** uses light energy, carbon dioxide, and water to produce oxygen and sugar. Sugar is used for food in plants. (pp. 94–95)

**光合作用**利用光源、二氧化碳和水分來產生氧氣和糖分。糖分可作為植物的食物。(第 94–95 頁)



**Cellular respiration** is the process by which plants break down sugar chemically to release its energy. (p. 96)

**細胞呼吸**是指植物將糖分以化學方式分解以後釋放出能量的過程。(第 96 頁)