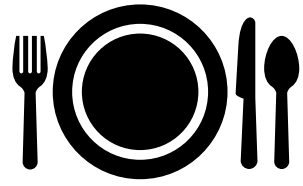
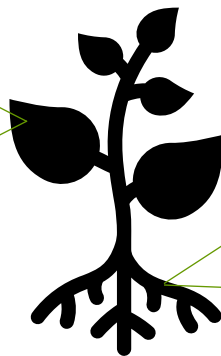


What is photosynthesis?

Plants (and algae) don't eat like we do, but they make their own food using energy from the sun



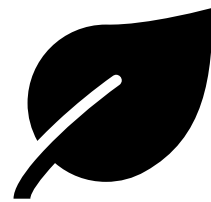
Plants' leaves take in sunlight and carbon dioxide from the air



The roots take in water from the soil

The plant then photosynthesises - uses the sunlight, carbon dioxide and water to make glucose. Oxygen is also made, then released through the leaves

Leaves have tiny pores called stomata. These open to take in carbon dioxide and release oxygen and water vapour



Some plants, like the saguaro cactus, photosynthesise using their stem instead of their leaves – the leaves have evolved into sharp spines for defence