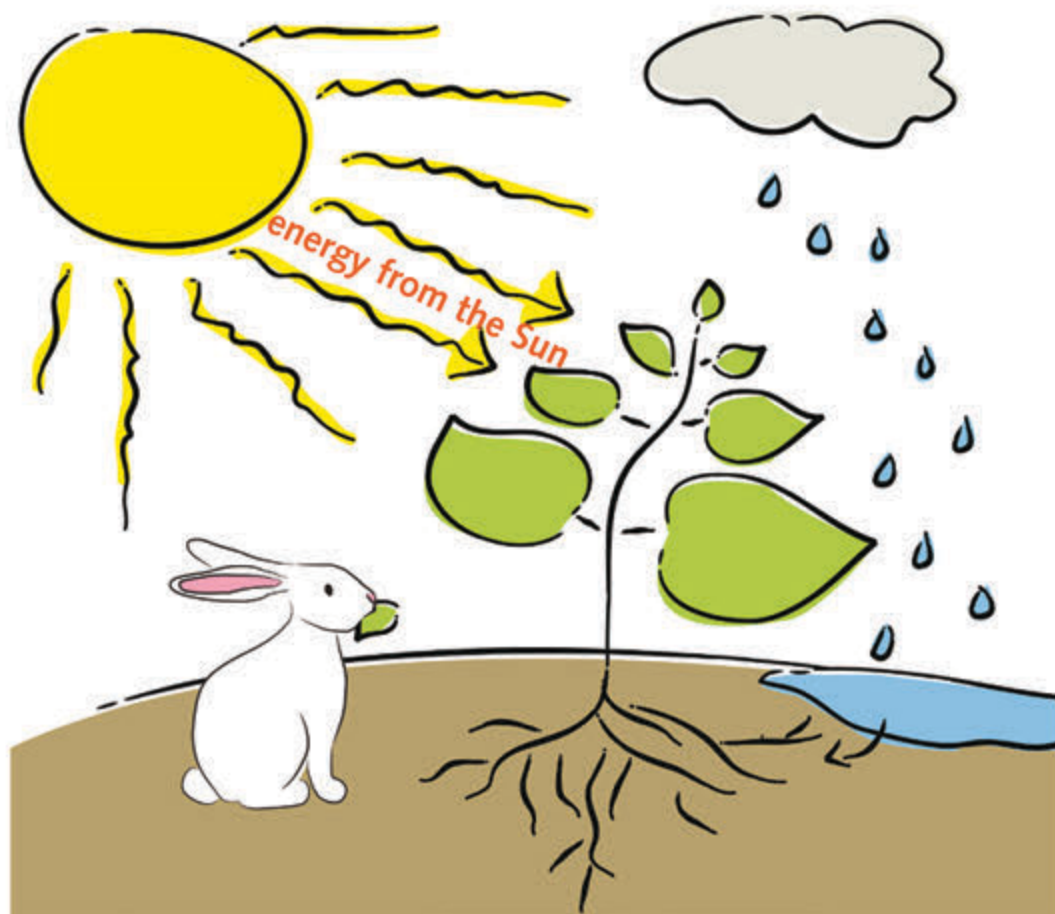


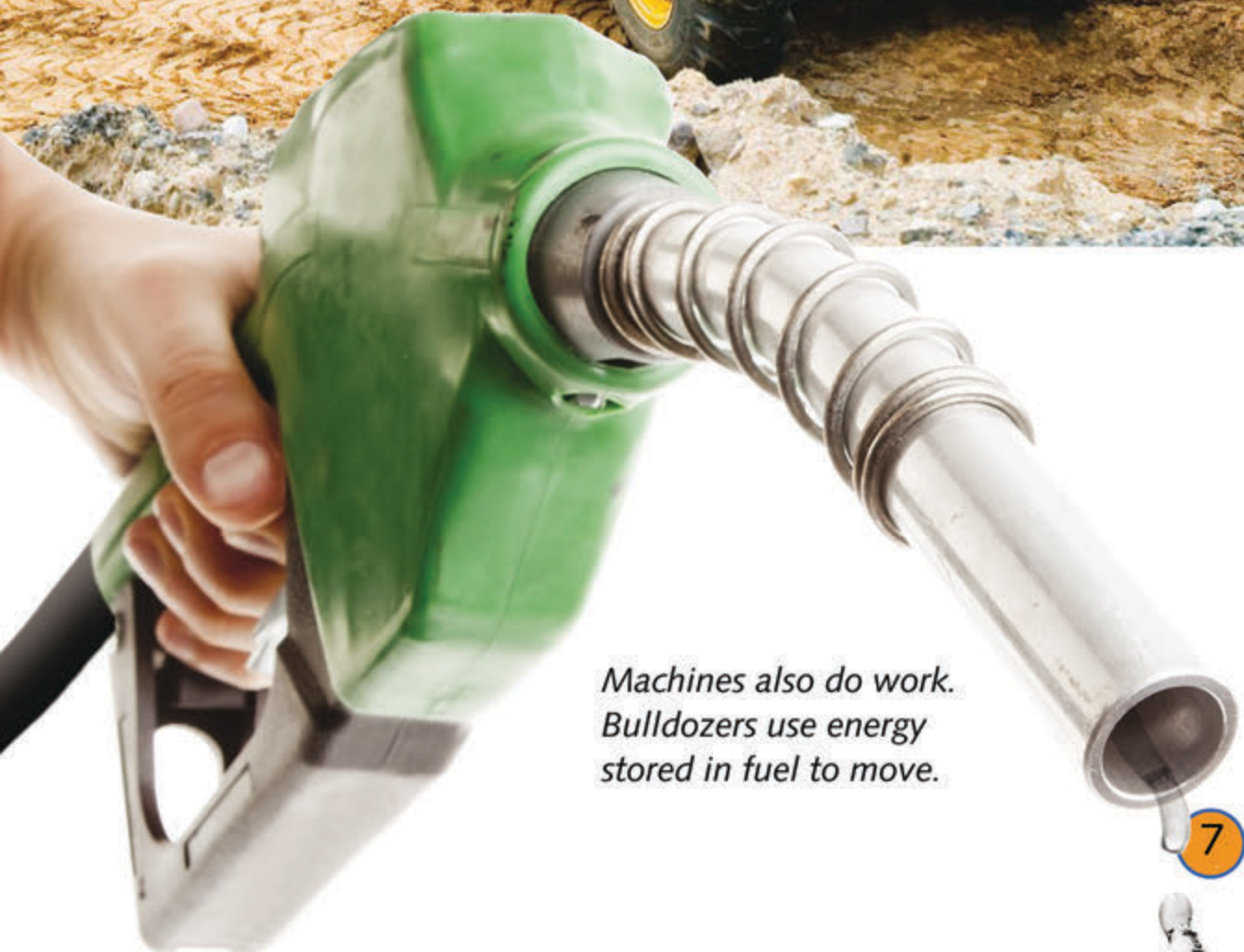
What is energy? Scientists define energy as the ability to do work. For example, work occurs when something is moved, or when it is heated or cooled. Plants and animals need energy to grow, move, live, and reproduce.

Plants use the Sun's energy to make food through a process called **photosynthesis**. All other living things depend on plants' ability to turn the Sun's energy into food energy.



*Plants use light from the Sun to get energy. Many animals, including humans, eat plants to get energy.*





*Machines also do work.  
Bulldozers use energy  
stored in fuel to move.*