

# Review B1.5 Energy and biomass in food chains

<i>Can you...?</i>	😊	😐	☹️
<b>B1.5.1 Energy in biomass</b>			
State that radiation from the Sun is the source of energy for most communities of living organisms, a small amount of which is absorbed by green plants and algae			
Describe 'photosynthesis' as the process that transfers light energy to chemical energy, which can be stored in the substances that make up the cells of the plants			
Compare the mass of living material (biomass) at different stages in a food chain			
Represent the biomass at each stage of a food chain using a pyramid of biomass			
Interpret pyramids of biomass and construct them from appropriate information			
Explain why the amounts of material and energy are reduced at each successive stage in a food chain because: some material and energy are always lost in waste materials; and much of the energy transferred during respiration is transferred to the surroundings			

