

You get energy from

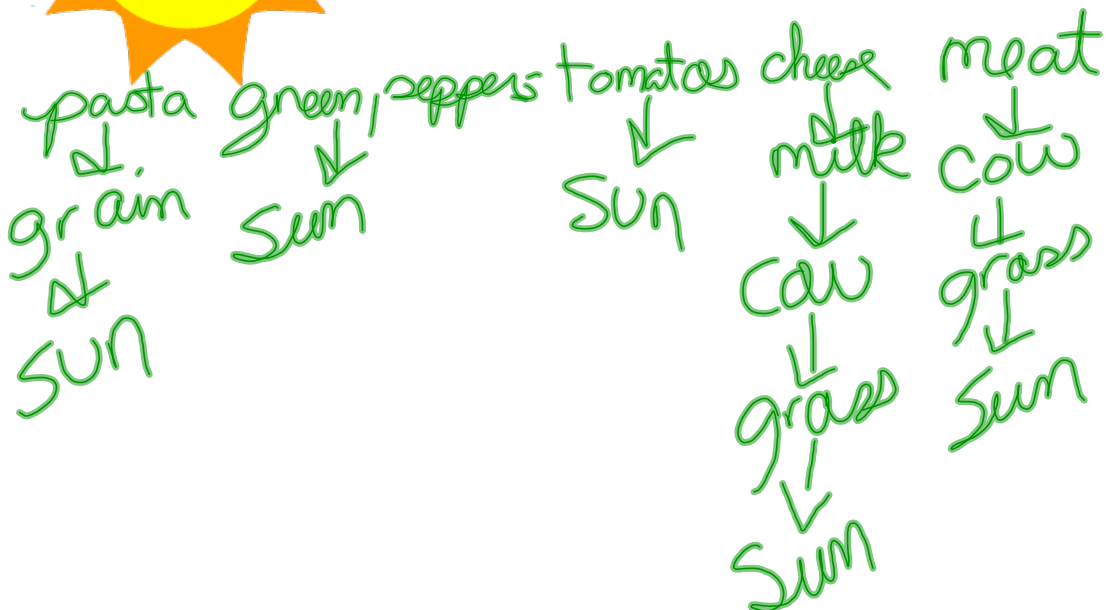
food.

Where does the food get energy?

SUN

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Trace it back to the sun.



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**Photosynthesis- the process by which light energy is converted to Chemical energy.**

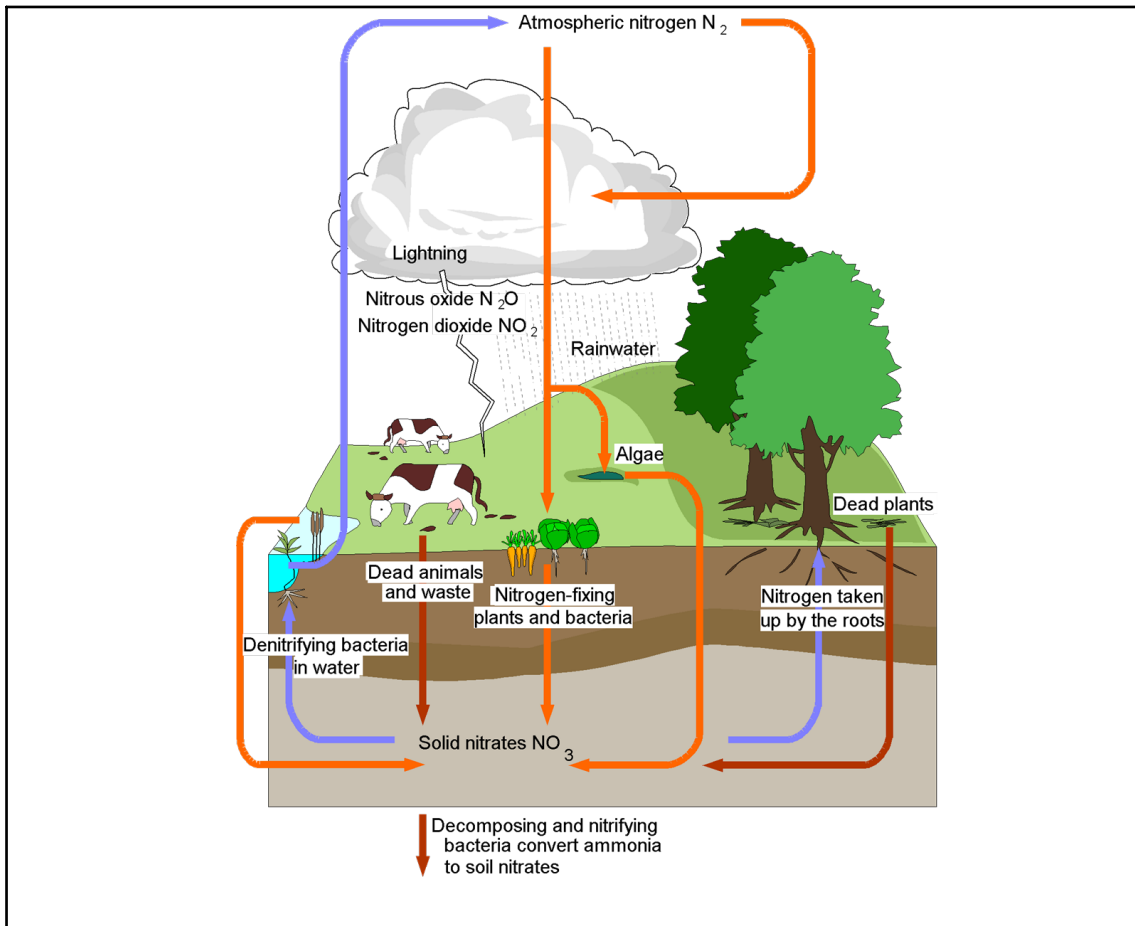
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**Autotrophs- organisms that use energy from sunlight or inorganic substances to make organic compounds.**

*make their own food*



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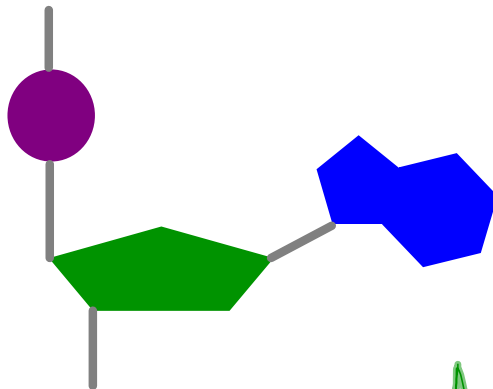
Nitrogen cycle

**Heterotrophs- organisms that must get energy from food instead of directly from sunlight or inorganic substances.**



**Cellular Respiration- a**  
metabolic process similar  
to burning fuel. The process  
by which animals get  
energy.

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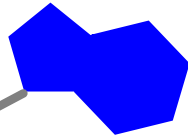
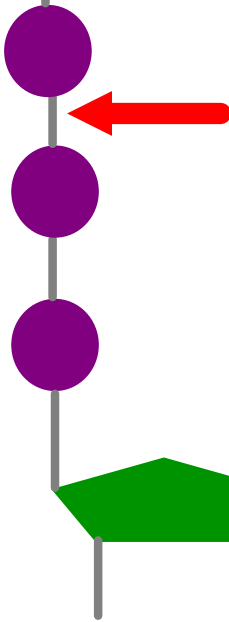


**What is this?**

Nucleotide

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**This is unstable.**



ATP

adenine  
triphosphate

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