

# Anthropocene

Symbol Book

# **The Anthropocene**

## **Symbol**

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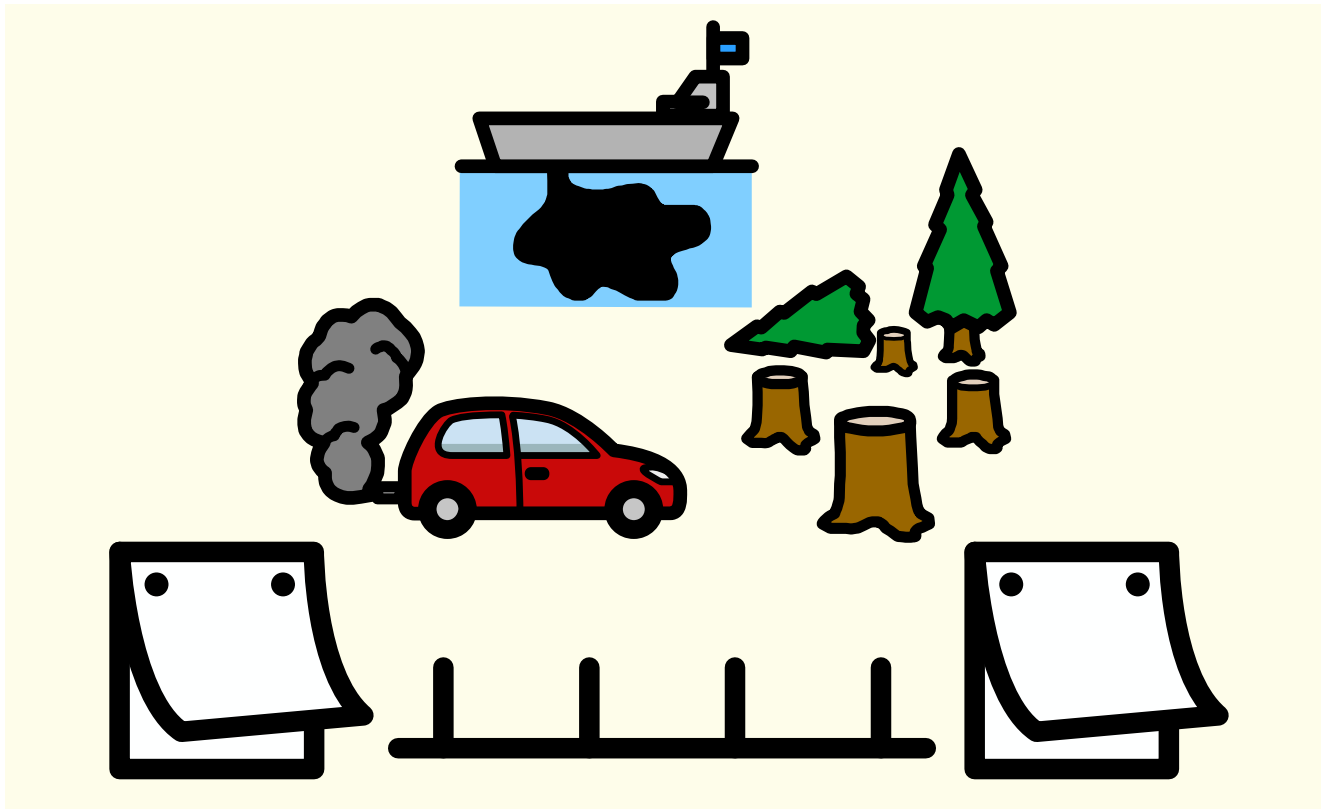
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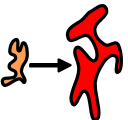

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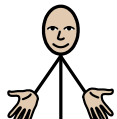
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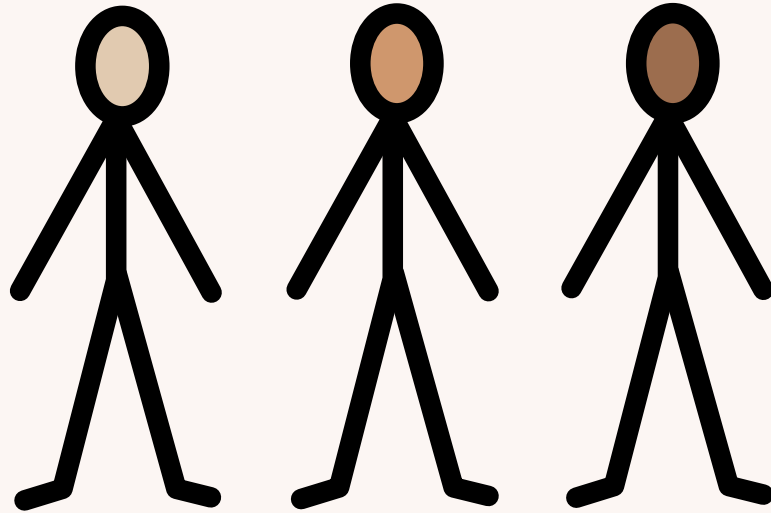


 is called the
 
 the
 
 Anthropocene.


 are changing the
 
 environment.
 

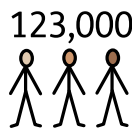

 chop down
 
 forests for
 
 growing
 
 crops.

123,000
 
 As populations
 
 grow
 
 more
 
 land
 is
 
 needed.

# 123,000

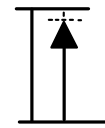
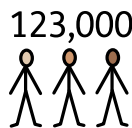


In 1800 the world population was 1 billion.



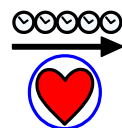
1<sup>000,000,000</sup>  
B

In 2022 the world population is almost 8 billion.



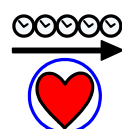
8<sup>000,000,000</sup>  
B

In 1800 European life expectancy was 40 years.

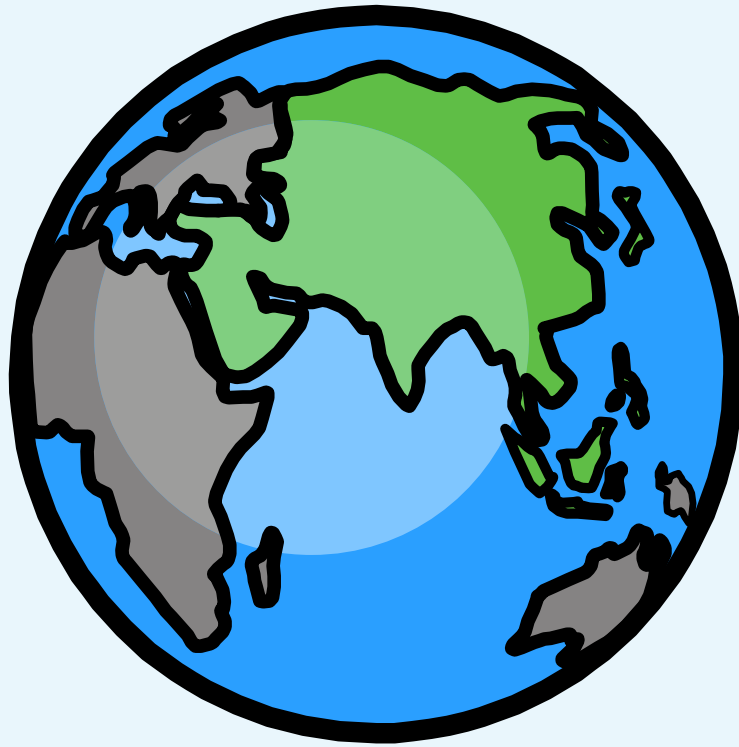






40 Y

In 2022 European life expectancy is 80 years.







80 Y

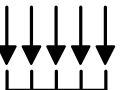


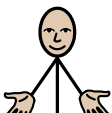





 The world population growth is not equal.
 




 Populations in developing countries are rising fastest.
 




 Populations in Africa and Asia are increasing.
 




 All these extra people need food and medicine.
 







There are many reasons populations grow so rapidly.



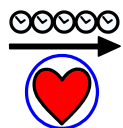
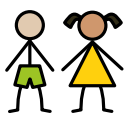
People are living longer.

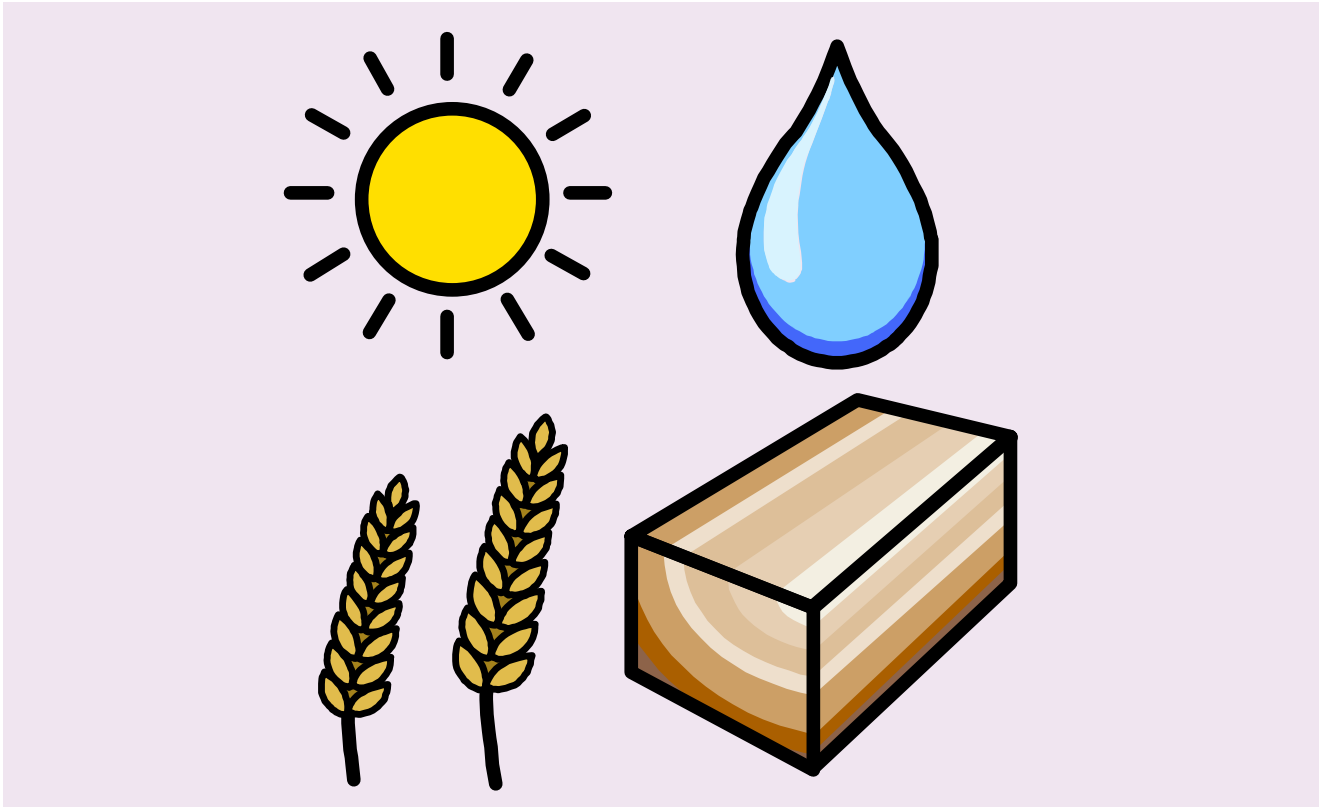




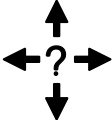



There is better food and medicine.


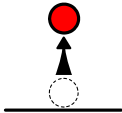




More children survive childhood because of healthcare.



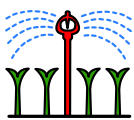



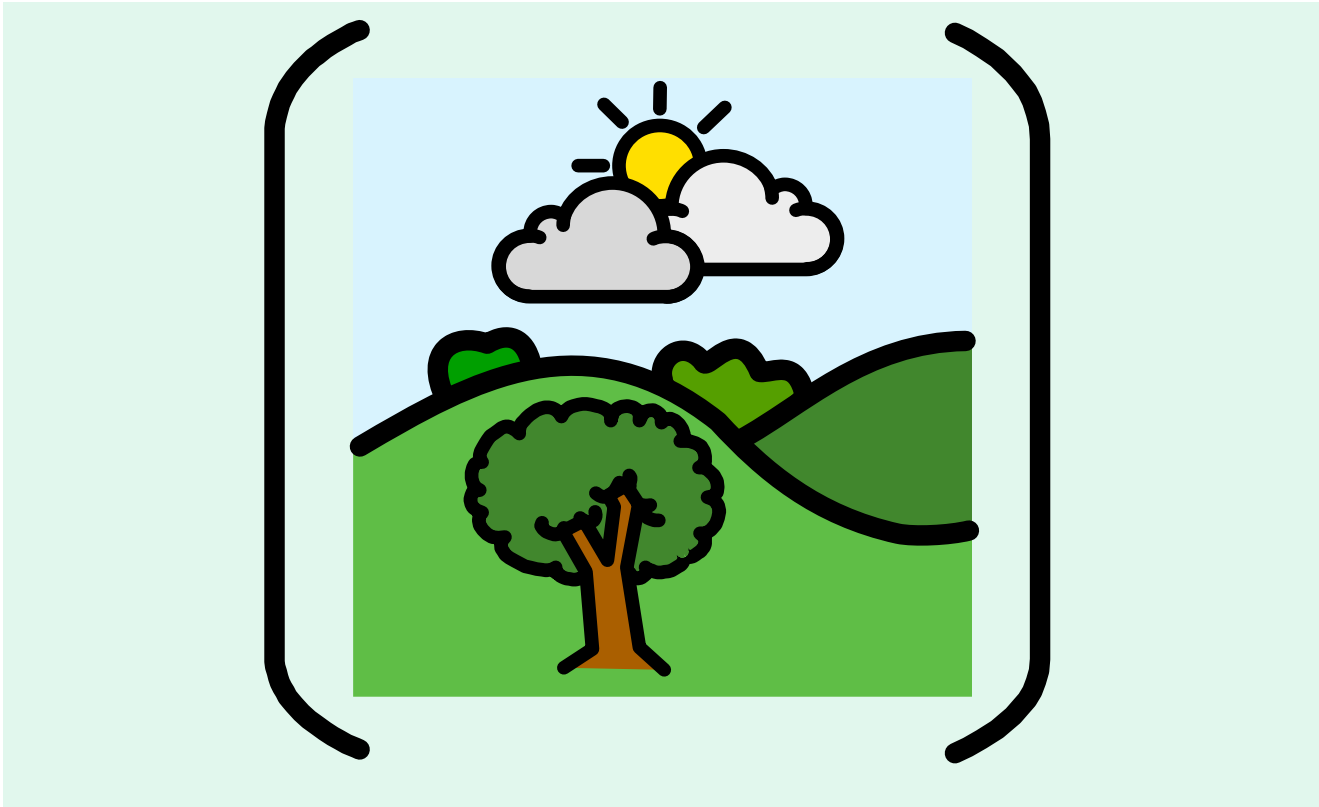





 The Earth is the  only  source of  resources  people  have.


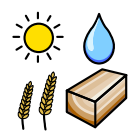

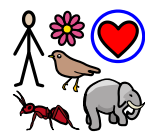
As  populations  rise  more  resources are  needed.

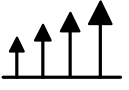




 People need  land for  agriculture,  roads and  homes.


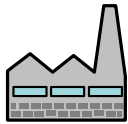


 People need  water for  irrigation and  drinking.



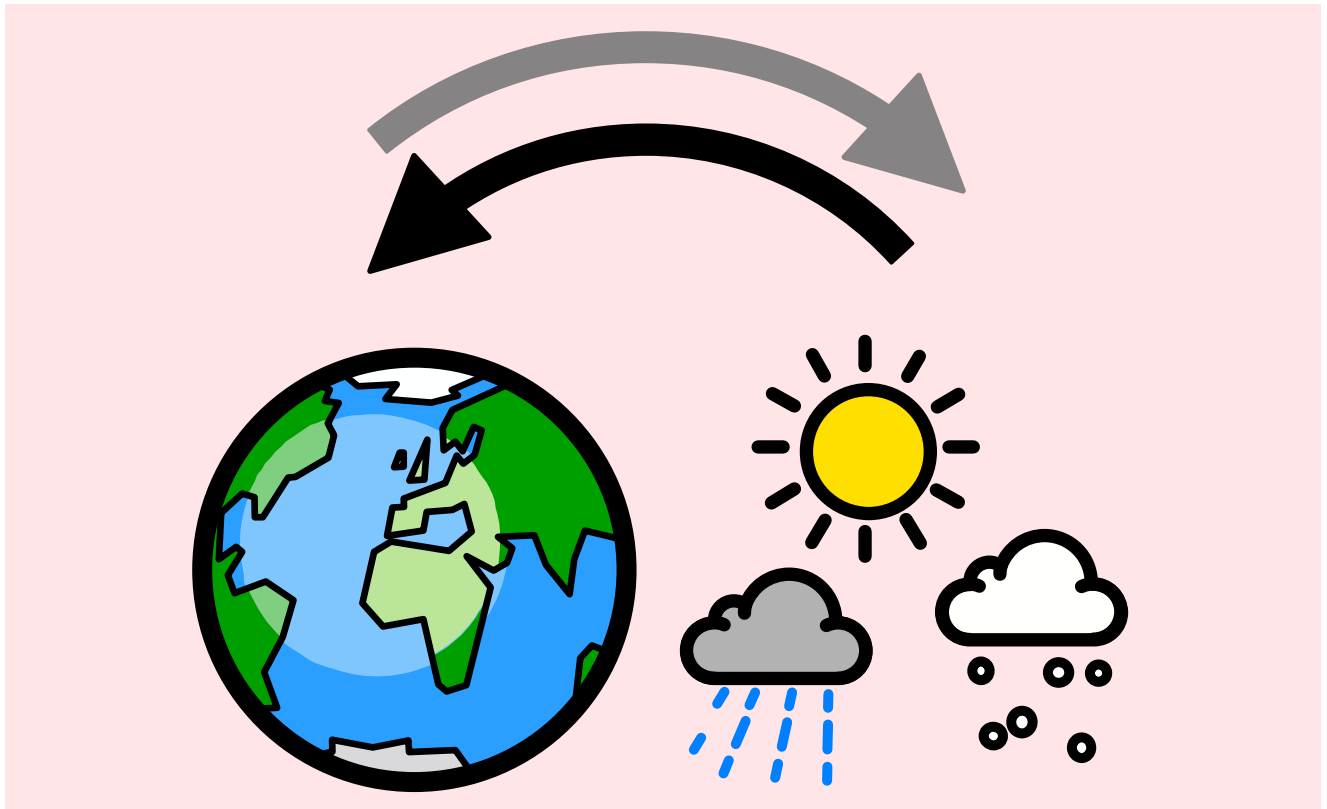
As  populations  grow  more  resources are  needed.

There are  less  resources for  other  living things.

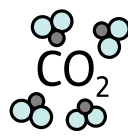

Growing  populations  also  produce  more  pollution.

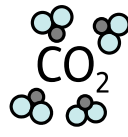




 Pollution and  industry  harm the  environment.

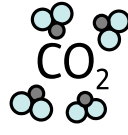
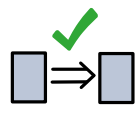
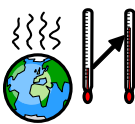





 Climate change is a threat to all living things.
 


 Carbon dioxide is called a greenhouse gas.
 

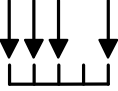





 Carbon dioxide is released when we burn fossil fuels.
 








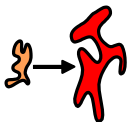
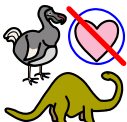

 Carbon dioxide is causing global warming.
 


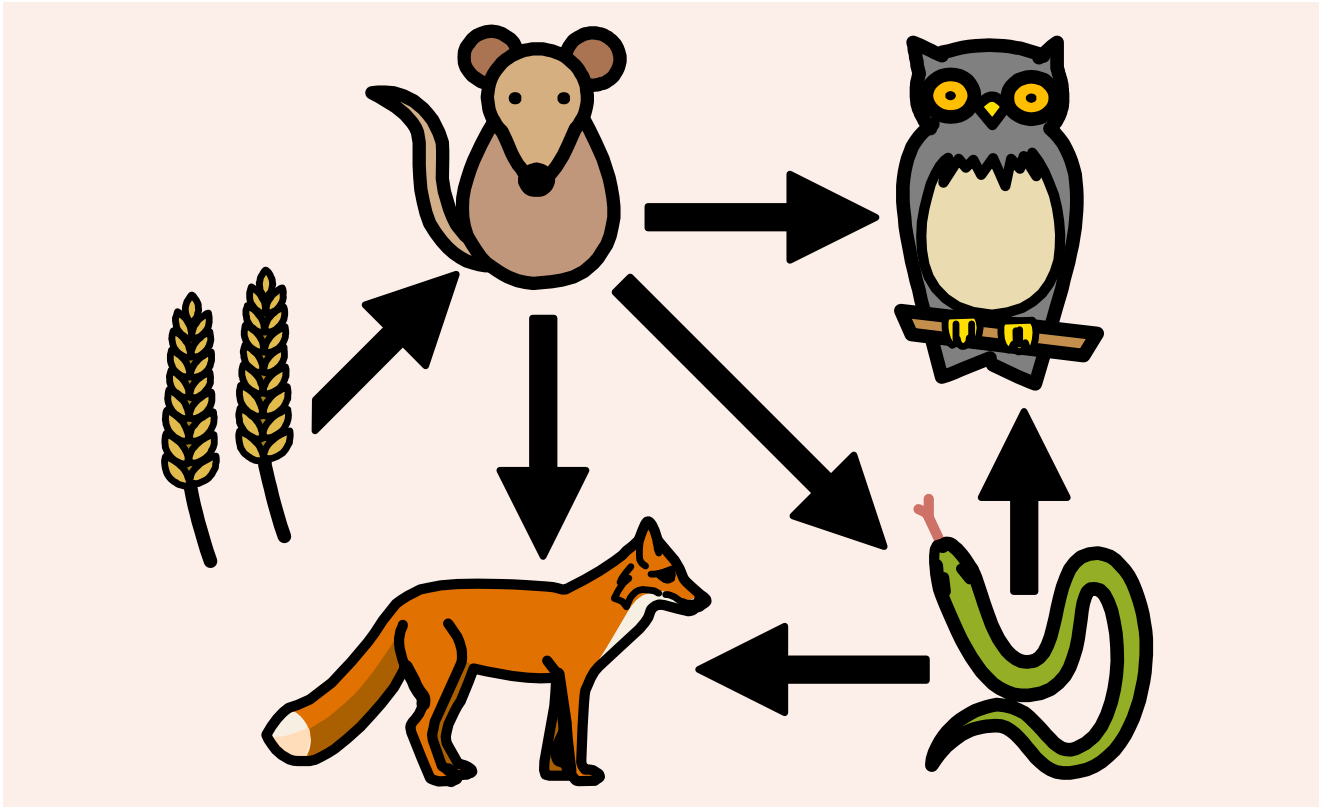


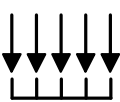
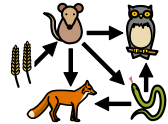

 Pollution
 
 harms
 
 wildlife
 
 habitats
 
 around the world.

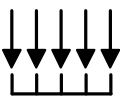
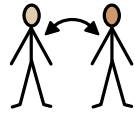

 Climate change
 
 is
 
 harming
 
 all
 
 habitats.


 Many
 
 species
 
 are
 
 becoming
 
 endangered.


 Some
 
 species
 
 have
 
 already
 
 become
 
 extinct.

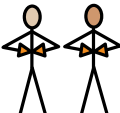


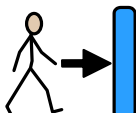




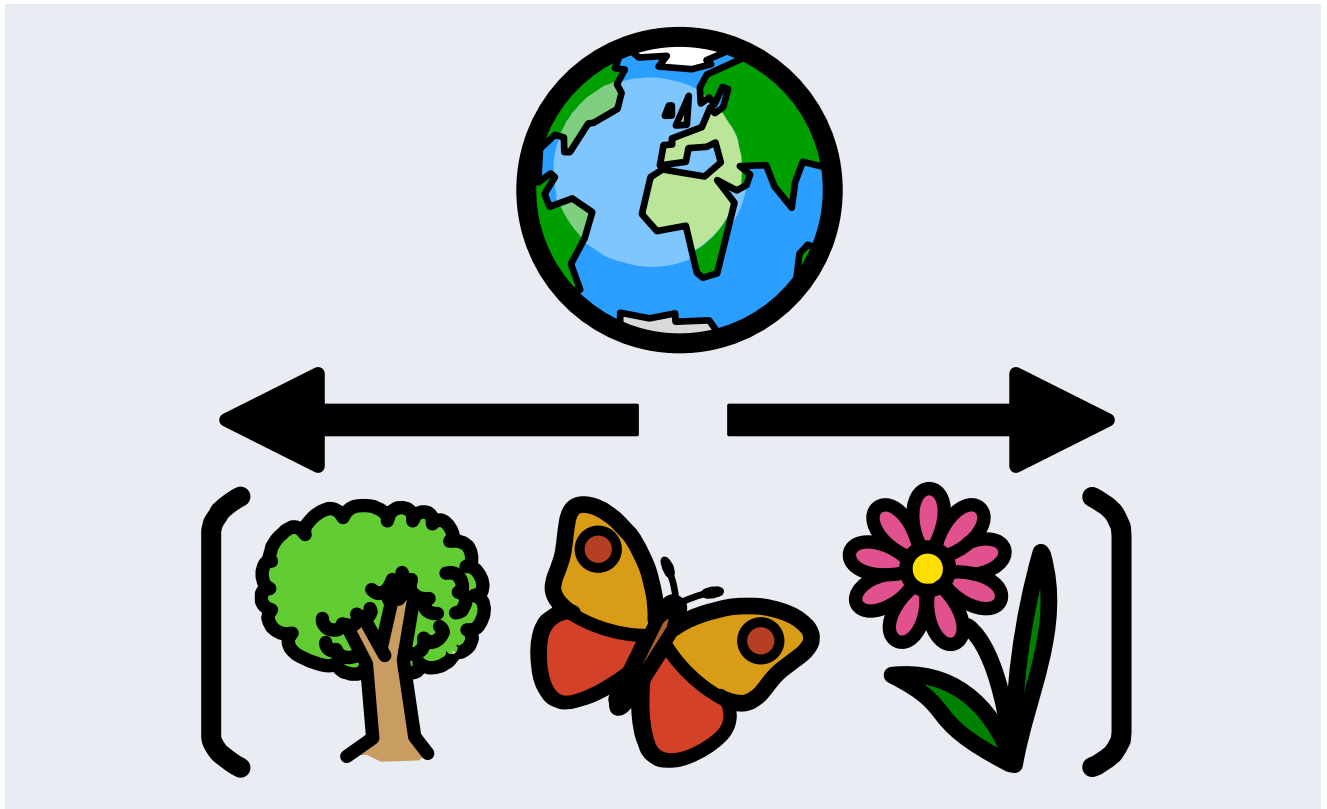
 All living things are connected by food webs.
 


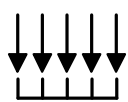
 All living things depend on each other.
 




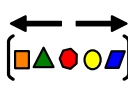
 More and more species are becoming endangered.
 


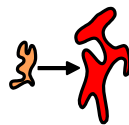
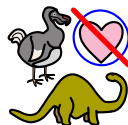
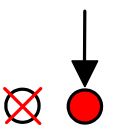




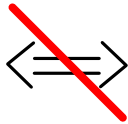



 We must work towards reducing climate change.
 





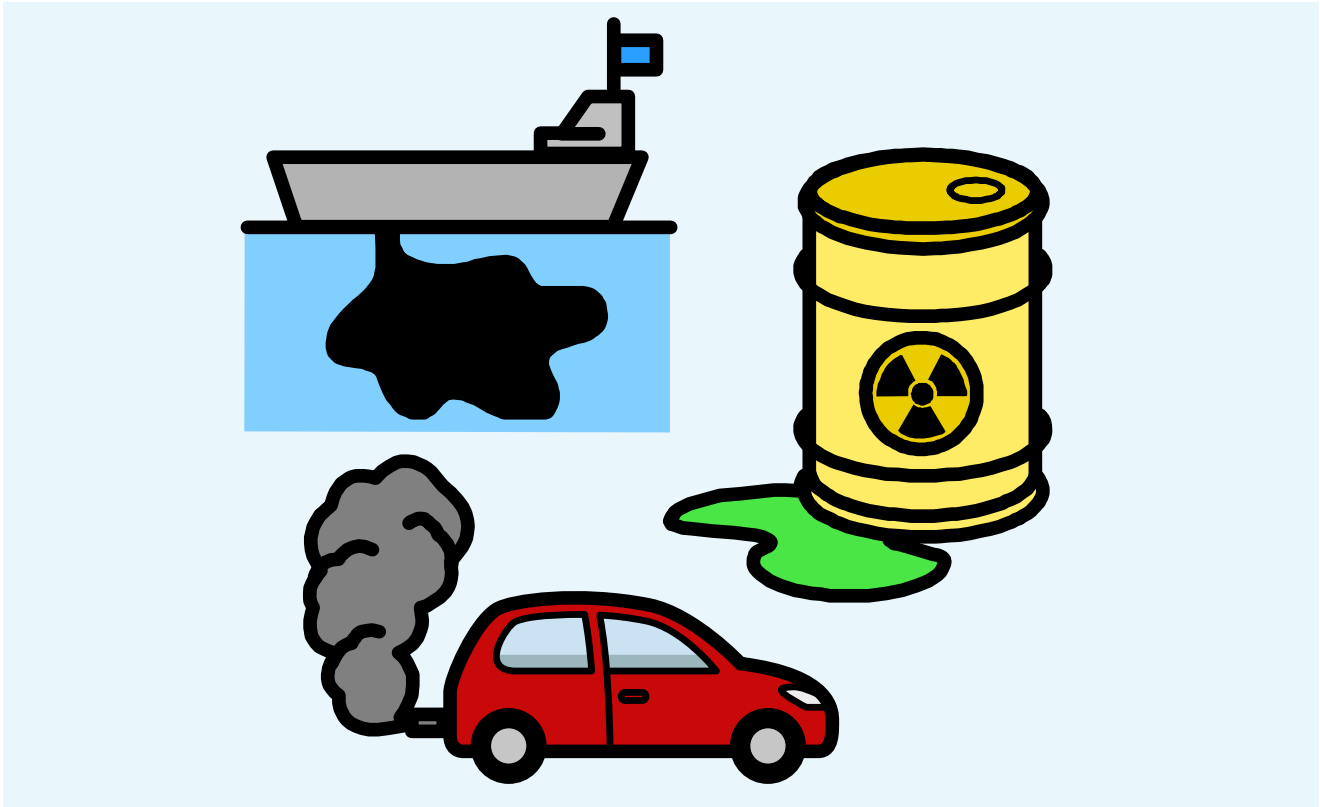



 = 
 
 all the living things in the world.

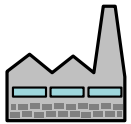

 Life comes in an amazing variety.
 



= 1 
 
 becomes 
 
 extinct 
 
 other 
 
 species suffer.
 


A lack of biodiversity also affects the people.
 






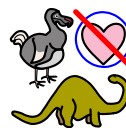
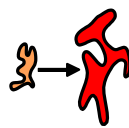
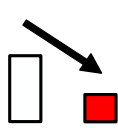
Wildlife is harmed by pollution and human activity.



Industry and agriculture destroy natural habitats.

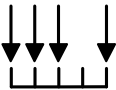
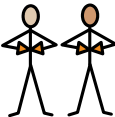




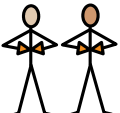




Natural habitats are badly affected by pollution.

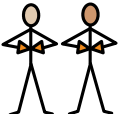

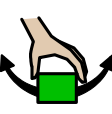
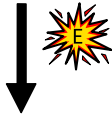




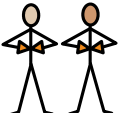






Biodiversity decreases as species become extinct.

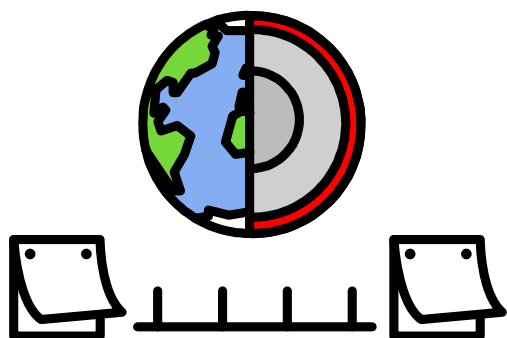


There are  lots of things we  can do  to  help.

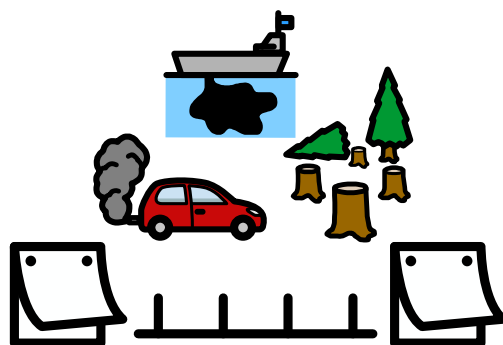
We  can   reduce,  reuse and  recycle.

We  can   use  less energy to  reduce  carbon emissions.

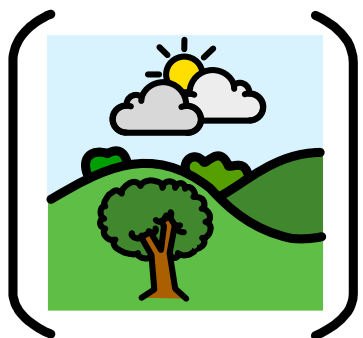
We  can   walk or  cycle  instead  of  driving.



geologic age

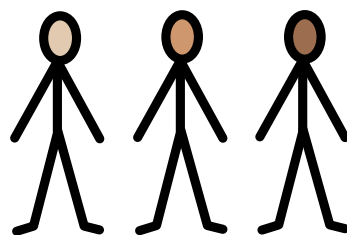


Anthropocene

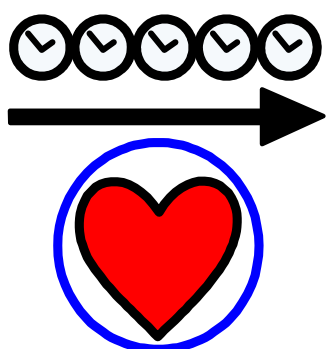


environment

123,000



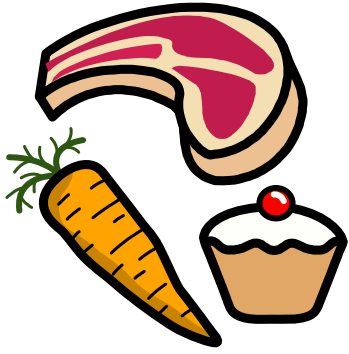
populations



life expectancy



developing countries



food



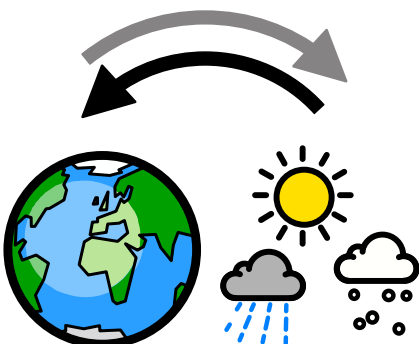
water



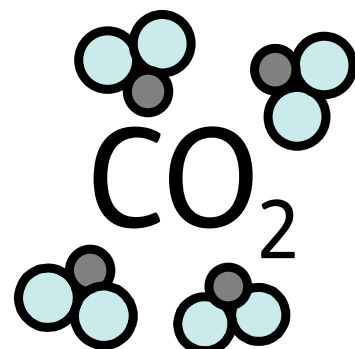
medicine



healthcare



climate change



carbon dioxide