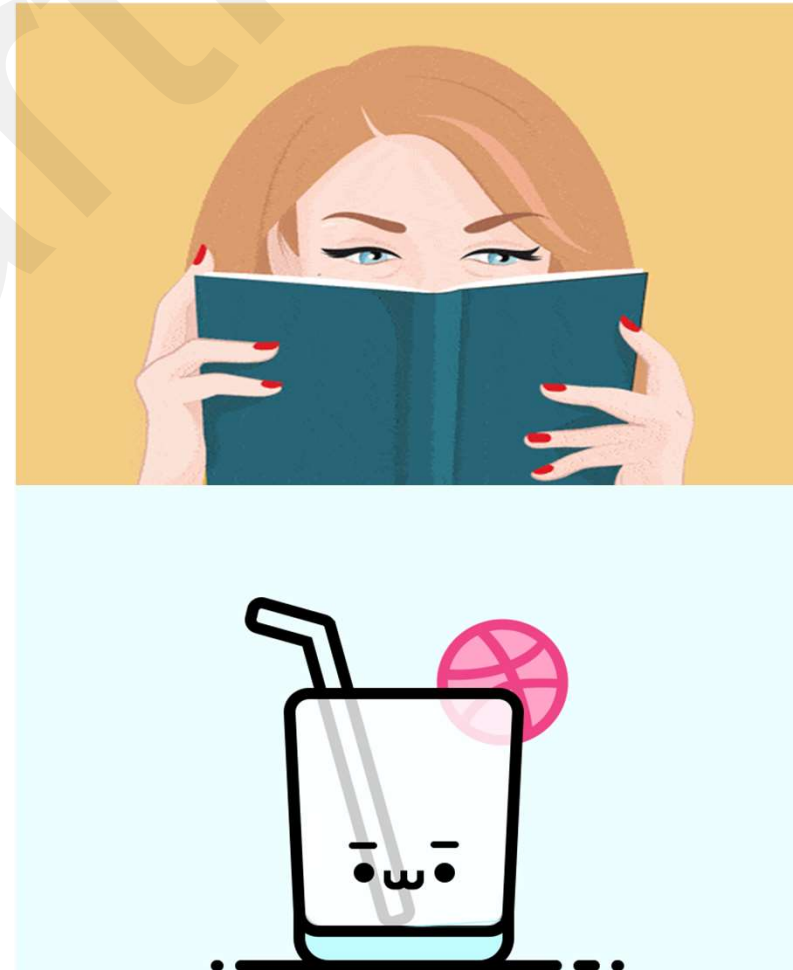


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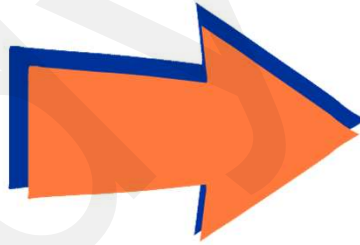
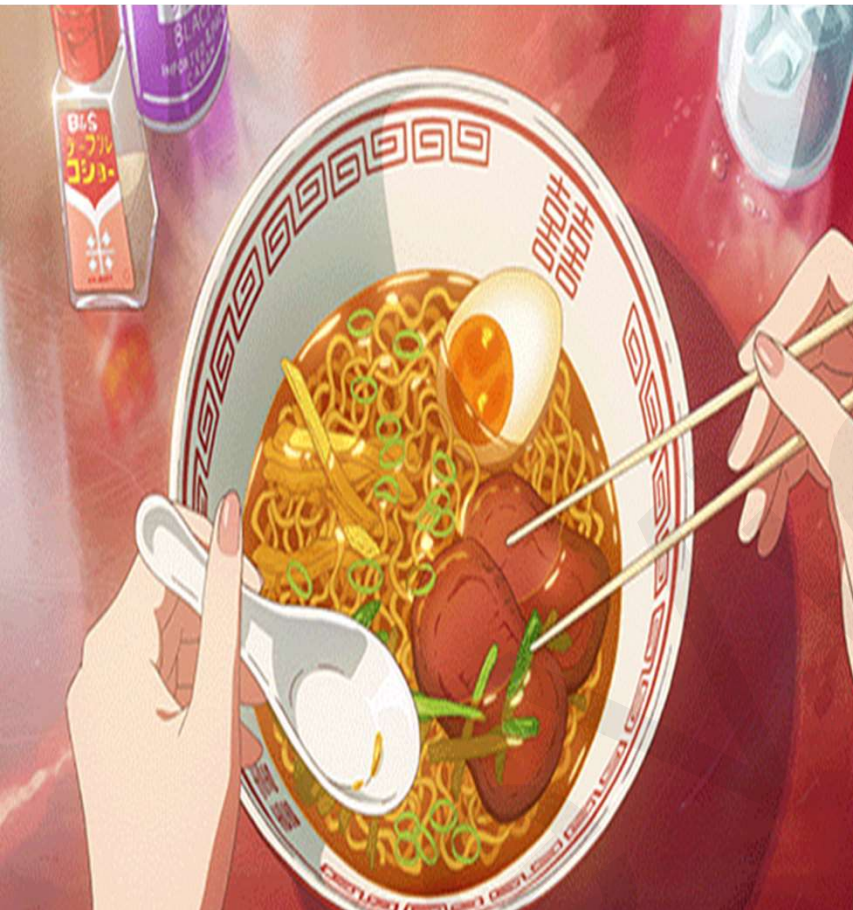
## introduction

- Anything that can be used to satisfy a need is a resources, it has a value.
  - Usability is what makes an object or substance a resources.
- Example-
- Vegetables.
  - Water
  - textbook



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- Some have economical value, some have not.
- Ex-grandmas remedies.
- Value changes, new resource emerge with time ex-hydroelectricity electricity can be created through water.)



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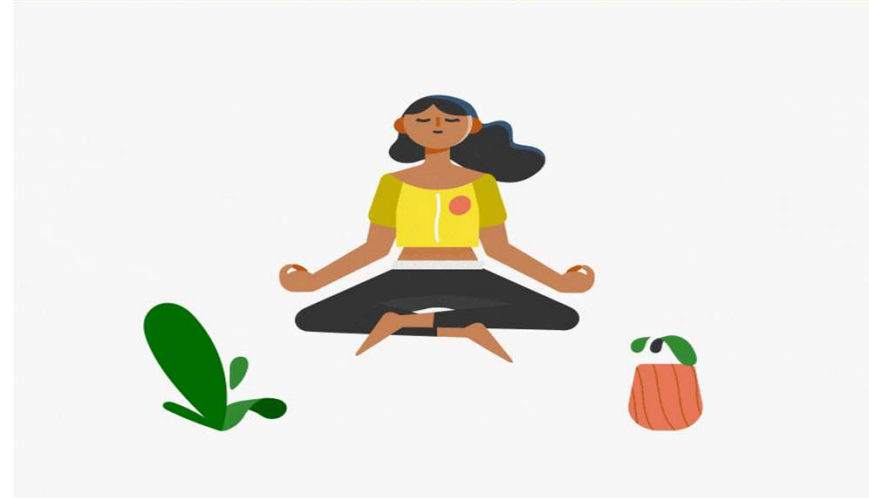
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## Natural resources

- Natural resources basically are directly from nature and can be used directly. But to get the best possibility from it, modification can be made.
- Ex- the air we breath, water in river,minerals,soils
- It has two sub groups



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## Actual resources

- Resources that being used in the present and we have the knowledge of it.
- Ex- coal in Germany petroleum in west Asia, dark soil in Deccan( Maharashtra)

## Potential resources

- Resources that are never being used or we don't have the technology to utilize it.
- Ex-uranium, in Tamil nadu and Gujarat.



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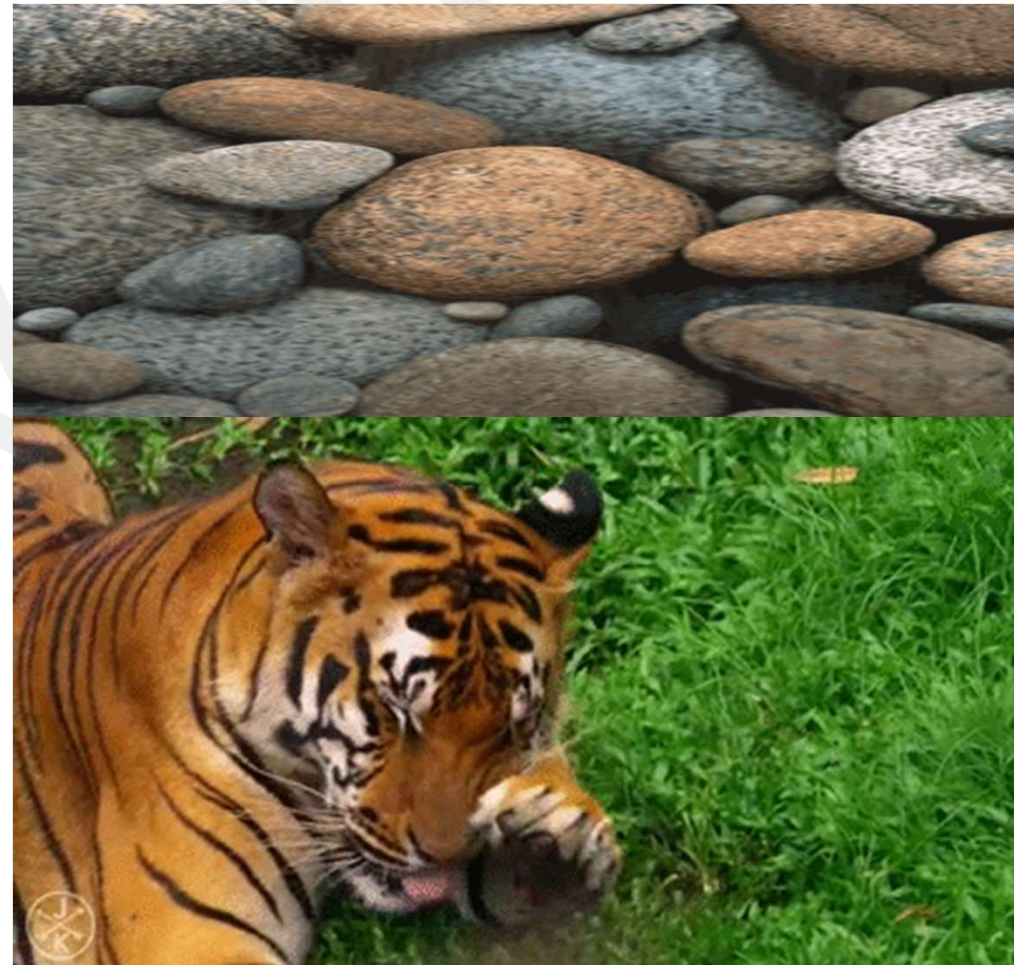
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## Biotic and abiotic

**Abiotic-** are no living in nature.  
Ex-soils, rocks, minerals.

**Biotic-**are living in nature.  
Ex-animals, plants.

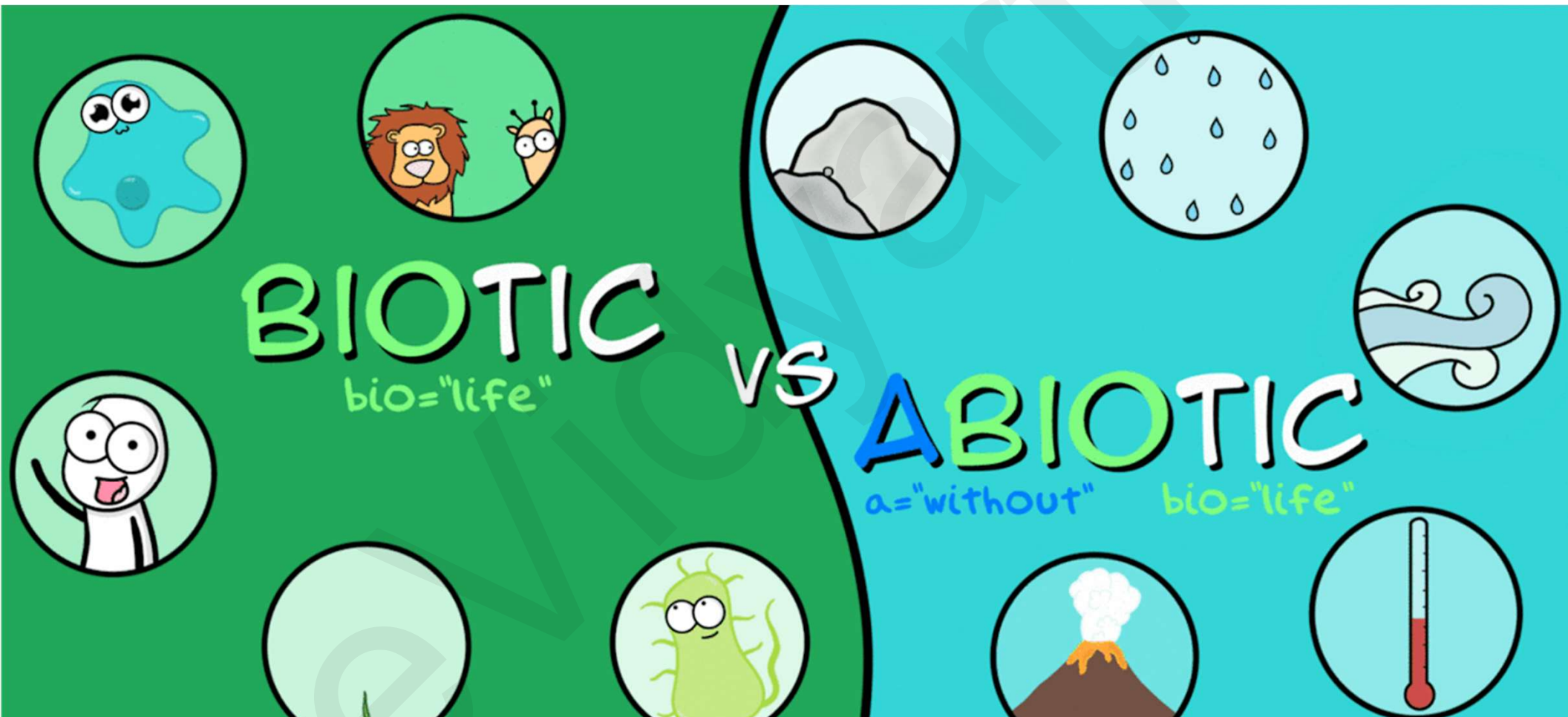


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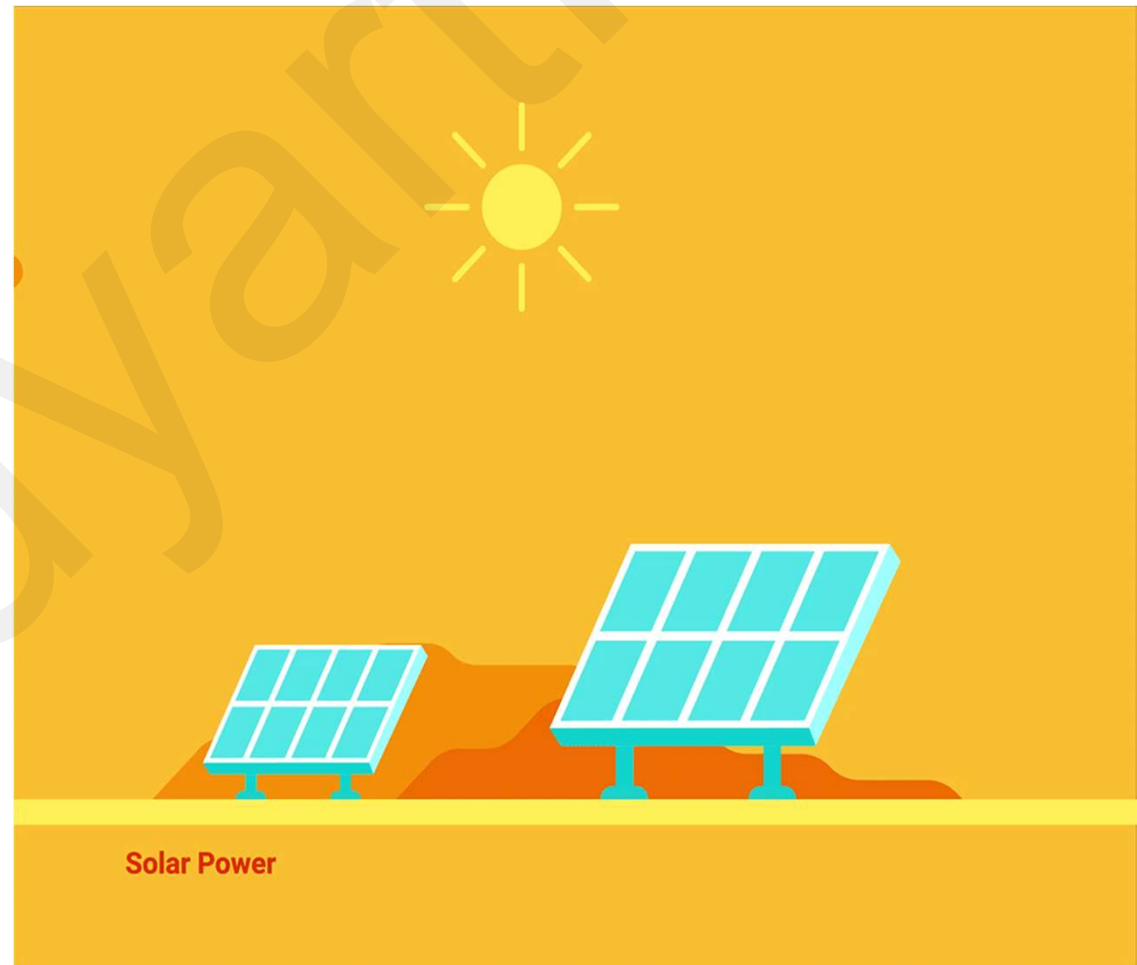
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## Renewable resources

- Resources that can get renewed or unlimited and are not affected by human activity
- Ex- solar, wind energy.
- But some unlimited resources can get or shortage due to its careless usage.
- Ex- forest, water, soil.



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## Non- renewable resources

- Resources which have a limited stock. Once it gets exhausted it will take thousands of year to get renewed.
- Ex- coal,petroleum,natural gas.
- Ubiquitous-found everywhere ex-air we breath.
- Localized-found in a certain place Ex- copper, iron ore.





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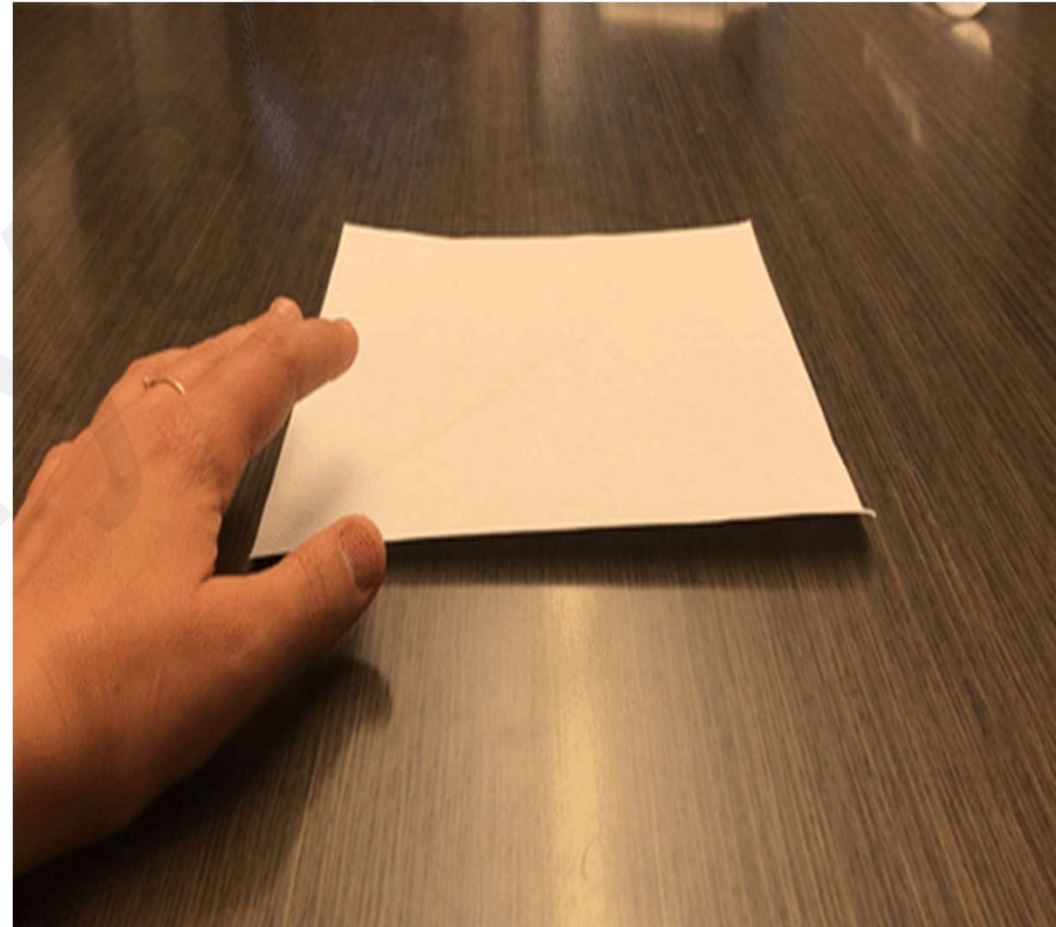
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## Human made resources

- Natural substances becomes resources only when their original form has been changed.
- People use natural resources to make roads,paper,vehicles etc.

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## Human resources

- Education and health helps them making people a valuable resources called human resources development.
- People make best resources from their knowledge, skill and technology.





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## Conserving resources

- Using resources carefully and giving them time to get renewed is called resources conservation.
- Conserving and balancing the need to use resources for future generation is called sustainable development.
- Ex- you can recycle, reuse things.



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## Our duty

- All resources should be sustained.
- Diversity should be conserved or preserved.
- Damage to environment should be minimized.





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## Exercise

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### Question 1.

**Answer the following questions.**

**(i)** Why are resources distributed unequally over the earth ?

**Answer**

- The distribution of resources depends on various factors such as physical nature of the place. The physical factors include terrain, climate, height sea level, etc. Since these factors vary in different parts of the world, it depends in this case.

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**(ii)** What is resource development ?

- Resource development is the method of utilizing our intelligence in order to improve the quality, usability of a resource.

**(iii)** Why are human resources important ?

- Human resources are important because they have skills and technology to create a resources. If humans had not been there, different substances would not have been resources.

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**(iv)** What is sustainable development ?

- We should use resources in such a balanced way that we satisfy our needs as well as conserve them for future.



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### Question 2.

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**Tick the correct answer.**

**(i)** Which one of the following does not make a substance a resource ?

- (a) utility
- (b) value
- (c) quantity

**(ii)** Which one of the following is a human-made resource?

- (a) medicines to treat cancer
- (b) spring water
- (c) tropical forests

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**(iii)** Complete the statement. Biotic resources are

- (a) derived from living beings.
- (b) made by human beings.
- (c) derived from non-living things.