

(3.5) The Alchemy of Nature

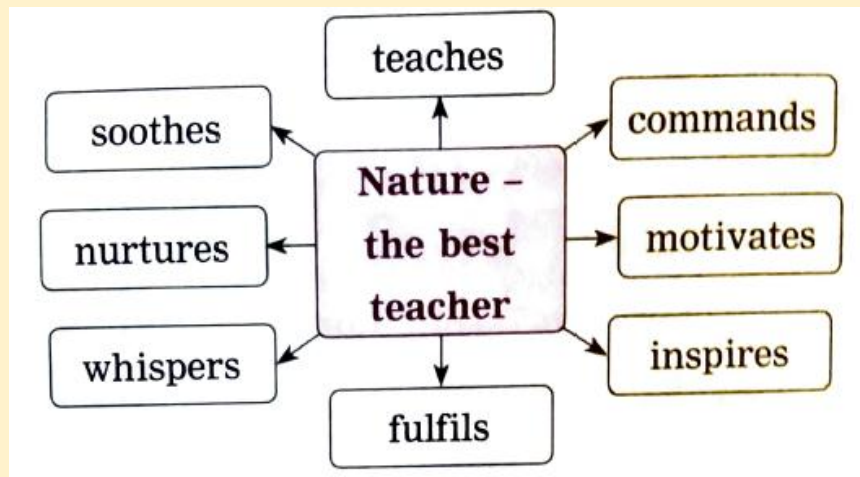
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Warming up activities:

(2) Role of Nature

Discuss in pairs, the role played by nature and complete the web-diagram:

Ans:



(3) Look at the following things. Discuss with your friend, what you learn from them.

Ans:

- | | |
|-----------------|---|
| (a) A bee - | team work and hard work |
| (b) An eagle - | a strong vision/far-sightedness |
| (c) A creeper - | perseverance |
| (d) The river - | go with the flow/to face calamities |
| (e) Rainfall - | dedication |
| (f) Sun | - light up the lives of others/to give light and energy to others |

*Margin Questions:

1) Explain the line - 'Nature whispers and commands.'

Ans: Nature tells us something as well as commands us sometime.

2) What smiles with the sun and dances with the wind?

Ans: Flower smiles with the sun and dances with the wind

3) What lesson do we learn from the hibiscus plant?

Ans: We learn from the hibiscus plant that we should enjoy every moment of life. Span of life is not important but its way of living is important.

4) What kind of rock did the author find on the beach?

Ans: The writer found hard rock.

5) The rock is hard, but is it dominating? Give reason for your answer.

Ans: The rock is hard but it is not dominating because hard rock is carved, sculpted and shaped by the water. The rock takes the shape according to the commands of water.

6) In what condition was the tree in cold winter month?

Ans: The tree was bare of all leaves in the cold winter months

7) What do we learn from small bits of grass?

Ans: We learn from small bits of grass that nothing is impossible in this world. There is always an opening for impossible things.

8) What do we find in the infinite sky?

Ans: We find a rainbow colours the entire sky. However innumerable stars shine across the infinite sky.

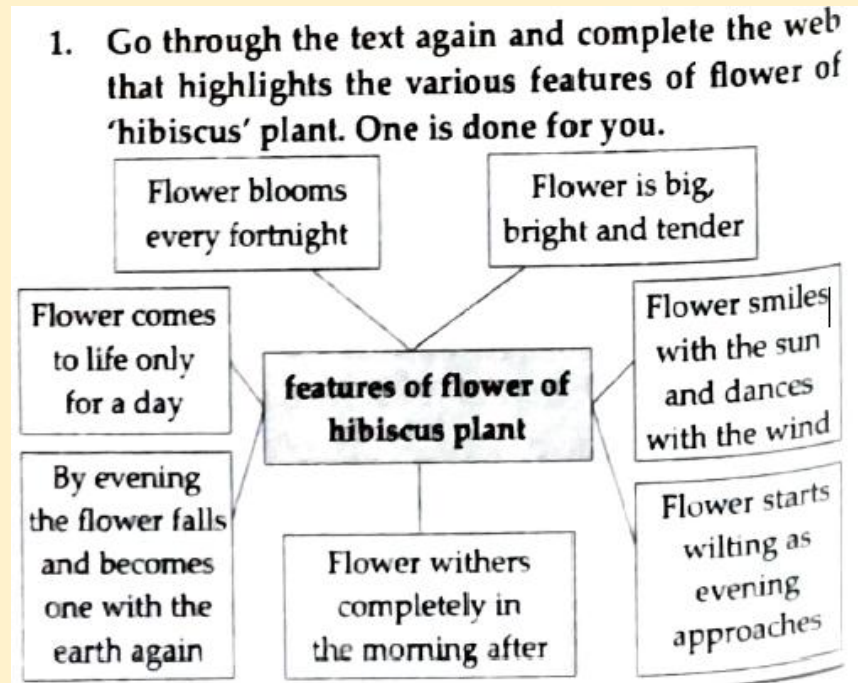
9) How can learning from nature help human beings?

Ans: Learning from nature can help human beings in different ways. It can help to understand how one thing converts in other. Nature can give us practical lessons.

English Workshop

1. Go through the text again and complete the web that highlights the various features of flower of hibiscus' plant. One is done for you.

Ans:



2. The writer explains the contrast features of 'water and 'rock' in the text. Write all the features of both water and rock in the given table.

Ans:

Water	Rock
<ul style="list-style-type: none"> • gentle • spread of the majestic ocean • water flows over rocks every day • water commands the rocks to take shape 	<ul style="list-style-type: none"> • hard • the rocks alongside carved, sculpted and shaped by water • for years, the rock gives in • rock takes shapes as per the commands of water

3. Impossible itself says I M possible'. Do you agree? Justify your answer by citing some examples from the text and some that you have experienced or heard from someone.

Ans: I agree with the statement that impossible it says, I'm possible: Everything I possible in this world. Every problem has its solution. However, there is no problem without solution. As we know rock is hard. It is very difficult to shape the rocks. But gentle water commands rocks to take shape. We consider small bits of grass peeping through the small Tacks in concrete pavement, are no hope to come out. There is always an opening for such small bits of grass. The tree bare of all leaves in the cold winter months blooms again as the arrival of spring. So everything is possible. Let us lake some examples of disabled persons. Blind man can't become a doctor but David Hartman proved it false. He became a successful doctor. Wilma Rudolph won the Olympic medals in spite of being suffered from polio. Indian dancer Sudha Chandra became a successful dancer in spite of cutting her leg.

4. Find synonyms from the text for the following Words/phrases.

(a) Strong feeling of fear or respect

Ans: awe

(b) To direct authoritatively

Ans: command

c) To peer through

Ans: peep through

(d) Large and impressively beautiful

Ans: splendour, majestic

(e) Easily broken or damaged

Ans: tender, delicate

5) How can you prove this maxim to be incorrect- 'Too many cooks spoil the broth'. Write a counterview on the given topic. (Clue -Teamwork)

Ans The maxim 'Too many cooks spoil the broth' shows that when people come together they spoil the work. It means that many people do any work in many ways. Its result is destructive. But personally I think that it is a wrong maxim. When many people come together for a particular work, it is a kind of good beginning. If they unite together and work together, there is a definite progress. Many people suggest different ideas to complete the task. They implement the ideas. They respect other's opinions and ideas. They accept good ideas and reject bad ideas. Acceptance of good ideas leads to complete the work in successful way. The work of changing village cannot be done by the Sirpanch of village only. It requires the teamwork of all villagers. Without the co-operation of people, the Sirpanch can't change the village. So teamwork is the secret of success. A great sportsman can't win the match but it is the teamwork of all players. So doing any work in team or group of people is the way to success. However, we should understand united we stand, divided we perish. Let us come together. Let us work together. Let us march towards progress.

6. Make a list of all the words related to the word 'ocean.'

Ans: fishers, salty, beach, marine, ship, boat, islands.

7 The author has very positively described the different things in nature. Discuss with your partner the special features of each one of them. Add on the list.

Ans:

Part of Nature	Special feature	Value Learnt
1. Water	gentle	change anything politely
2. Rainbow	colouring the sky	make the world beautiful
3. Caterpillar	turns into butterfly	accept possible changes
4. Ants	lugging the fly ten times of their size	teamwork and perseverance
5. Spider	delicate legs	strong work confidence
6. Oysters	takes in a grain of sand	creativity
7. Stars	shine the infinite sky	teamwork

8. clouds	takes new shapes with every passing moment	compromise with changing situations
9. wind	makes trees dance	ability to change others
10. water	changes according to sun and wind	giving up ego
11. flower	turns into fruit	get maturity