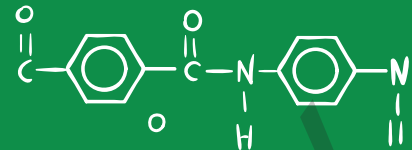
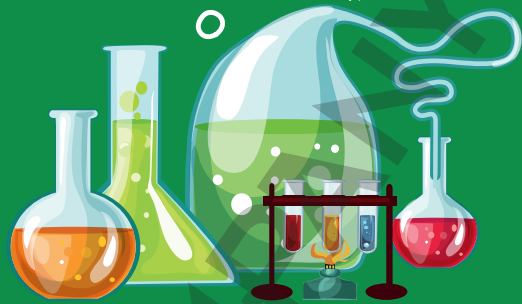




Around 2000 different types of plants are used by humans to make food.

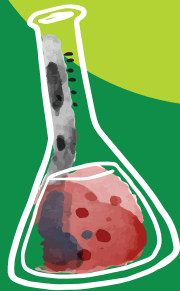


The human brain when awake produces enough electricity to power a 40 watt lightbulb for 24 hours.



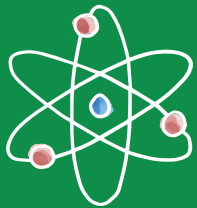
Three-fourths of the earth is covered with water. When astronauts first saw the planet from space, they could mostly see water, so they called it the 'Blue Planet'.

**BASED ON
NEW SYLLABUS**

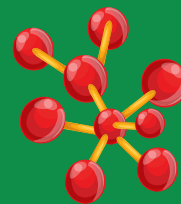


AMAZING

SCIENCE



There are about 8.7 million unique species living on the earth! Of these, 2.2 million are in the oceans and the rest on land.



Around 1% of the sun's mass is oxygen.



The DNA in a person's body, when uncoiled, can stretch from Pluto to the Sun and back.



2



CONTENTS

An Environment Story 6-7

Unit 1 Plant Life

1. PLANT AROUND US 8

MCQs, YES OR NO, HOT Sand more
Activities and Field tour
Thinking skills



2. USES OF PLANTS 14

MCQs, HOT Sand more
Activities
Thinking and social skills



Unit 2 Animal Life

3. USES OF ANIMALS 23

MCQs, Fill UPS, HOT Sand more
Crossword and Field tour
Social skills



4. WILD ANIMALS 30

MCQs, MATCHING, HOT Sand more
Activities and Field tour
Social skills



GREEN PAGES 38-39

Unit 3 Our Body

5. BONES AND MUSCLES 40

MCQs, TRUE OR FALSE, UNSCRAMBLE, HOT Sand more
Activities
Thinking skills



6. THE FOOD WE EAT 46

MCQs, MATCHING, HOT Sand more
Activities
Thinking skills



7. HOUSING AND CLOTHING 52

MCQs, MATCHING, HOT Sand more
Activities
Thinking and emotional skills



8. SAFETY RULES 59

MCQs, FILLUPS, HOTS and more
Activities
Thinking skills



Unit 4 Our Earth



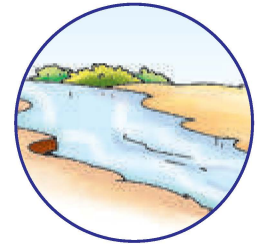
9. Air Around us 67

MCQs, TRUE OR FALSE, HOTS and more
Activities and field tour
Social skills



10. WATER 75

MCQs, TRUE OR FALSE, HOTS and more
Activities and field tour
Thinking and Social skills



11. SUN, LIGHT AND SHADOW 85

MCQs, MATCH THE COLUMNS, HOTS and more
Activities
Thinking & Social skills



Unit 5 Our Universe



12. GOING TO THE MOON 91

MCQs, FILLUPS, YES OR NO, HOTS and more
Activities and field tour
Thinking skills



13. ROCKS AND MINERALS 96

MCQs, FILLUPS, HOTS and more
Activities
Thinking and social skills



YOGA FOR US 104

AN ENVIRONMENT STORY

This is the story of four friends and how they save a tree.



Anuja, Julie, Harpreet and Ali were friends. They lived in the same neighbourhood.



There was a big tree in their neighbourhood. The children played around the tree and sat in its shade.



One day Julie, while returning from school, saw some men standing near tree. Julie asked, "What are you up to?"



One of them said angrily, "Go away! We are going to cut this tree." Julie shouted, "No, you can't do that."



The three men laughed and went away saying that they would come back in the evening to cut the tree.



Julie ran fast to her friends. She told them everything. The children thought together and got an idea to save the tree.



In the evening, when the men came to cut the tree, they saw four children had made a ring around the tree. They said, "Go away. We will not let you cut our tree."



The men could not do anything but drop their idea of cutting the tree. The children did their best to save the tree didn't they? And they saved the tree, Hurray!

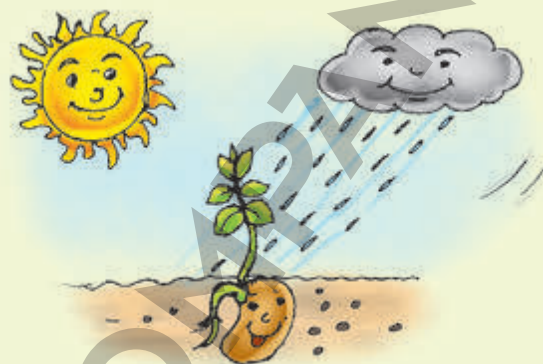
GREEN PAGES

SAVE THE EARTH

NATURE'S SONG

PLANT A SEED

Plant a seed and when you are done,
Give it water, air and sun.
Your plant will grow from the seed down below
A seed sprouts a root,
Isn't that really cute ?



NATURE TIPS



Here are a few notes to save our earth....

- ◆ When we heal the earth, we heal ourselves.
- ◆ We will not have anything if we destroy the environment.
- ◆ He who plants a tree, plants hope.
- ◆ Keep air and water clean.
- ◆ Keep the earth clean.



NATURE QUIZ

Arrange the letters for the names of things we get from plants and write them on the lines given below.



1.
2.
3.
4.
5.

NATURE'S FRIEND

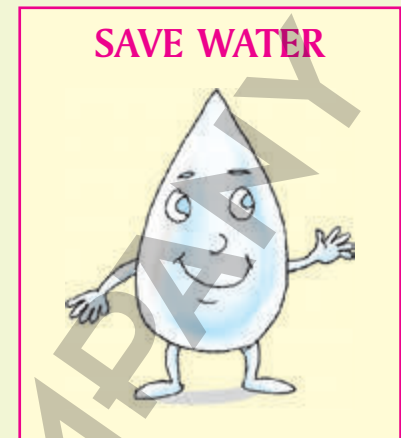
Chandi Prasad Bhatt (b. 1934) is an Indian Gandhian environmentalist who founded *Dasholi Gram Swarajya Sangh* (DGSS) in Gopeshwar in 1964. Later it became the mother organisation to the *Chipko Movement*.



He was one of the persons who hugged the trees and refused to go till the tree-cutters left. This movement not only saved the trees but also the forests. He was awarded the Ramon Magsaysay Award in 1982 and Padma Bhushan in 2005.

**ONE PERSON CAN SAVE TREES,
TOGETHER WE CAN SAVE FORESTS.**

ALL LIVING THINGS NEED WATER TO LIVE



What do you do to conserve water? Tick (✓) the things you do.

- ◆ Use only the amount of water you actually need.
- ◆ Close the taps well after use.
- ◆ See that there are no leaking taps.
- ◆ Do not leave the tap running while you are brushing your teeth or soaping your face.
- ◆ If you have water left in your water bottle, do not throw it away. Pour it for the plants.

NATURE CURE

- ◆ A glass of soda water is an immediate cure for *hiccups*.
- ◆ Pour some *garlic juice* in the aching ear. It has good antibiotic qualities and it will relieve you from pain.
- ◆ In case of a toothache apply *clove oil* and you will get relief from the pain.



SAVE OUR SPECIES

The Indian Red Panda or the Red Fox is mainly found in the Himalayan Ranges. It is slightly bigger than the domestic cat and can climb trees very easily.

Its upper part is covered with long and soft reddish brown fur. The lower parts has black fur. The

Indian Red Panda is under threat of extinction. It is because of the destruction of its natural habitat. People hunt them for fur. Now, Govt have put them in the list of endangered species.

YOGA FOR US

Yoga means the union of body and mind. It is necessary for healthy body and healthy mind.

Here are a few yoga postures in column I. Can you match them for the purpose they are done given in column II ?

1.



Vajarasana

2.



Paschimottanasana

3.



Bhadrasana

4.



Tadasana

- a. It regulates the blood circulation in the body and makes the spine elastic. It also makes the waist slim and sturdy.
- b. It makes the waist and chest strong and sturdy. It also cures constipation and helps to increase the height.
- c. It increases the concentration power, makes the legs strong and keeps the back straight.
- d. It improves the process of digestion and makes the thighs and knees strong.