

Environmental Studies

Standard
2

MUMBAI

4940/1B, Dhobiwadi, Dr. Jaykar Marg, Opp. Datta Mandir, Thakurdwar,
Mumbai - 400 002.

Only Calling: 8291852601

Calling & Whatsapp: 9322531798 / 8291852631 / 8291972352

Website: www.navjeevanpublications.com

Enquiries: info@navjeevanpublications.com

Sales: acc.nppl@gmail.com

PUNE

470 /471, Raviwar Peth, Nandan Residency, 1st Floor,
Phadke Haud, Pune - 411 002.

Tel.: (020) 24432951 / 7066835645

CONTENTS

| Sr. No. | Chapter Name | Page No. |
|---------|---|----------|
| 1. | Our Body | 3 |
| 2. | A Healthy Body | 3 |
| 3. | My Family | 4 |
| 4. | Our Food | 5 |
| 5. | Our House | 7 |
| 6. | Plants | 8 |
| 7. | Animals | 9 |
| 8. | Life in a Village | 11 |
| 9. | Life in a City | 12 |
| 10. | Festivals of India | 13 |
| 11. | Places of Prayers | 15 |
| 12. | Modes of Transportation and Means of Communication | 17 |
| 13. | Our Beautiful Planet 'The Earth' | 20 |
| 14. | Importance of Air in our Life | 22 |
| 15. | The Sun and the Solar Energy | 23 |
| 16. | the Beautiful Sky | 24 |
| 17. | God's Precious Gift to us - Water | 25 |

1

Our BodyUnit
One**Let's try****1. Answer the following.**

1. Sensory organs help us to see, smell, hear, taste and feel, hence, they are called sensory organs. They are eyes, nose, ears, tongue and skin.
2. Heart and lungs are inside our chest.
3. The part of our body from below the chest to the hips is called the abdomen.
4. The brain helps us to think.
5. The tongue gives us the 'sense of taste'.
6. The skin gives us the 'sense of touch'.

2. Fill in the blanks.

1. skin, 2. head, 3. stomach, 4. legs, 5. neck.

3. State whether 'true' or 'false' :

1. False, 2. True, 3. True, 4. False, 5. True, 6. False.

4. Give two examples of each of the following.

- | | |
|------------------|---------------------|
| 1. Clapping | Writing |
| 2. Football | Hopping |
| 3. Paper tearing | Threading the beads |

**Let's do****5. Draw the parts of our body and colour them.**

(Students will do with teachers help.)

2

A Healthy BodyUnit
One**Let's try****1. Answer the following.**

1. Soap cleans dirt and kills the germs present on our body.

2. We should clean our tongue with the help of tongue cleaner.
3. We should clean our ears with cotton buds.
4. We should wear loose and soft cotton clothes while going to bed.

2. Fill in the blanks.

1. Sleeping, 2. Good posture, 3. lice.

3. State whether 'true' or 'false' :

1. True, 2. False, 3. False.

**Let's do****4. Name and colour the things required to perform the given activities :**

Shampoo and water Toothbrush and toothpaste

3

My FamilyUnit
Two**Let's try****1. Answer the following.**

1. A family consists of father, mother and their children are called small family.
2. A family which consists of father, mother, grandfather, grandmother, uncle, aunt and cousins is called a joint family.
3. Grandfather takes us to the park.
4. Grandmother tells us stories.
5. Mother cooks food for us.
6. Uncle's and aunts children are our cousins.

2. Fill in the blanks.

1. respect, 2. cousins, 3. earns, 4. food.

4. State whether 'good' or 'bad'.

1. Good, 2. Good, 3. Bad, 4. Good.

5. Match the following.

1.b 2.d 3.a 4.c

6. Name the activities performed in the pictures given below.

Mother is cooking. Grandmother tells us stories. Mother and aunt doing their kitchen work.

4 Our Food Unit Two

Let's try

1. Answer the following.

- We need food to get energy to do our daily work.
- The food that includes eggs, meat, fish, etc., which we get from animals are called non-vegetarian food.
- The different methods of cooking are baking, frying, boiling and roasting.
- The different components of food are proteins, vitamins, starch, fats, minerals and water.
- Breakfast, lunch, snacks and milk, dinner are the different times in a day when we must eat food.
- Eat food at a fixed time everyday.
 - Always wash your hands before and after eating meals.
 - Eat your food in a clean plate.

2. Fill in the blanks by choosing the correct words from the bracket.

- uncovered, 2. cutting, 3. Salads, 4. tasty, 5. sick, 6. Buttermilk.

3. Match the following.

A

B

1. Vegetarian food



a.



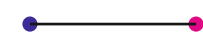
2. Non-vegetarian food



b.



3. Balanced diet



c.



Ans. 1.b 2.a 3.c

4. Give two examples of each of the following.

- Cheese Butter
- Carrot Onion

5. State whether 'good' or 'bad'.

1. Bad, 2. Good, 3. Bad, 4. Good.

Let's do

6. Name, draw and colour the different food items mentioned below.

Spinach Apple Brinjal

(Note : Students can draw any food items of their choice.)

7. Complete the table with food items eaten by you.

| Days | Breakfast | Lunch | Snacks | Dinner |
|-----------|-----------|-----------------|----------|--------------------|
| Monday | Idli | Dal and rice | Dosa | Roti, paneer |
| Tuesday | Upma | Roti, vegetable | Pasta | Biryani |
| Wednesday | Oat meal | Fried rice | Sandwich | Chapati, vegetable |

| | | | | |
|----------|--------|-------------|------------|-----------------|
| Thursday | Chocos | Paratha | Milk shake | Rajma, rice |
| Friday | Poha | Pulav, curd | Chaat | Roti, vegetable |

(Note : Teacher help students to complete the table with food items eaten by them.)

5 Our House

Unit Two

Let's try

1. Answer the following.

- We need a house to protect ourselves from heat, cold, rain, wild animals and other natural calamities.
- Kitchen, living room, bedroom, toilet and bathroom.
- Buildings, bungalow, hut, igloo, etc.
- Architect and engineer, mason, carpenter, electrician and plumber.

2. Fill in the blanks by choosing correct words from the bracket.

1. wild animals, 2. cloth, 3. plumber, 4. hut.

3. State whether 'true' or 'false'.

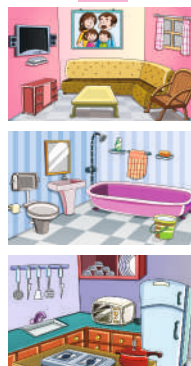
1. False, 2. True, 3. False, 4. True.

4. Match the following.

A

- We bathe in
- Mother cooks in
- Our guests sit in

B



Ans. 1.b 2.c 3.a

Let's do

5. Stick the pictures of different types of houses and also name them.

(Students will do with teachers help.)

6. Draw and colour the picture of your house.

(Students will do with teachers help.)

6 Plants

Sem One

Let's try

1. Answer the following.

- The different parts of a plant are flowers, leaves, fruits, stem and roots.
- Roots help to get water and required minerals for all the parts of the plant from the soil.
- Leaves prepare food for the plant with the help of sunlight.
- Stem passes water and minerals from the roots to different parts of the plants.
- The different types of plants are trees, bushes, shrubs, creepers and climbers.
1. Plants provide us with vegetables and fruits.
2. They give us different types of food grains.
3. Herbal plants help us to make medicines.

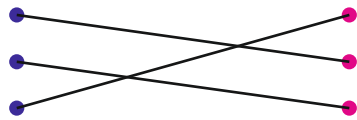
2. Fill in the blanks by choosing correct words from the bracket.

1. Spices, 2. Creepers, 3. below, 4. Sugarcane.

3. Match the following.

A

1. Trees
2. Shrubs
3. Creepers



B

- a. Pumpkin plant
- b. Banyan plant
- c. Tulsi plant

Ans. 1.b 2.c 3.a

4. Give any two examples of each of the following.

1. Spinach Methi (Fenugreek)
2. Graperine Watermelon
3. Tulsi plant Rose plant

5. State whether 'true' or 'false'.

1. True, 2. False, 3. True, 4. False.



Let's do

6. Name the following.

Tulsi plant Mango tree

7. Draw and colour any four things that you get from trees.

(Students will do with teachers help.)

7 Animals

Sem One



Let's try

1. Answer the following.

1. Animals that live in the forest are known as wild animals.
2. Sheep gives us wool which is useful for making woollen clothes.
3. Animals need shelter to protect themselves from heat, cold and rain.
4. Animals that are kept for a persons company are called pet animals.

5. If we take a fish out of the water, it will die.

6. Birds have very light bodies with feathers on them and a pair of wings that help them to fly in the sky.

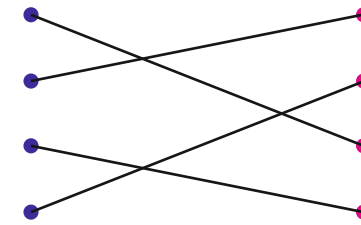
2. Fill in the blanks by choosing the correct words from the bracket.

1. guard, 2. load, 3. milk, 4. Snakes, 5. Earthworm, 6. Cockroach.

3. Match the following.

A

1. Sheep
2. Dog
3. Horse
4. Cow



B

- a. guards our house
- b. gives us milk
- c. gives us wool
- d. carries carriages

Ans. 1.c 2.a 3.d 4.b

4. Give any two examples of each of the following.

1. Lion Deer
2. Cow Goat
3. Lizard Snake
4. Parrot Crow



Let's do

5. Stick the pictures of animals that you see in your surroundings and also name them.

(Students will do with teachers help.)



Let's try

1. Answer the following.

- Life in a village is tough and difficult.
- The different means of transport in a village are bullock carts, tractors, bikes and bicycles.
- The main occupation of the people living in the village is agriculture.
- The roads in villages are kutcha and very rough.

2. Fill in the blanks by choosing the correct words from the bracket.

1. nature, 2. huts, 3. Well, 4. fields.

3. Match the following.

A

- Used in the fields
- We get water from
- Village people enjoy

B



a.



b.



c.

Ans. 1.b 2.c 3.a



Let's do

4. Village life is different from city life. Explain it with the help of pictures.

(Students will do with teachers help.)

5. Write five sentences with the help of your teacher about good things in a village that we should adopt in our daily life.

- Villagers are hardworking and lead a difficult life.
- They take care of nature.
- They keep the surroundings clean and beautiful.
- They lead a simple life.
- They enjoy fairs.



Let's try

1. Answer the following.

- The municipal corporation takes care of water, roads, railways, public park, etc.
- Taxis, cars, auto rickshaws, trucks, local trains, buses, metros are commonly found in cities.
- Local trains and buses is commonly used in cities.

2. Fill in the blanks by choosing the correct words from the bracket.

1. Cinema, 2. pollution, 3. trains, 4. over crowded.

3. Name two facilities which are enjoyed by the people of cities.

Shopping malls Cinema houses

4. State whether 'true' or 'false'.

1. True, 2. True, 3. False, 4. True.

Let's do

5. What pollutes the air? Answer and colour the pictures.

1. Smoke from the factories
2. Smoke from road vehicle

6. Write the sentences with the help of your teacher about the things which you would like to change in your city.

1. Improve on pollution level.
2. Better garbage management.
3. Free education.
4. Free health centres.
5. Plant more trees.

10

Festivals of India

Unit Three

Let's try

1. Answer the following.

1. Ramzan Eid is celebrated by Muslims.
2. Diwali is the festival of lights.
3. Holi is the festival of colours.
4. Jesus Christ was born on 25th December.
5. Republic Day, Independence Day
6. Pandit Jawaharlal Nehru
7. We celebrate Independence Day because India became free from British rule on 15th August, 1947.
8. Mahatma Gandhi is the 'Father of our Nation'.

2. Match the following.

A

B

1. Christmas



a.



2. Ganesh Chaturthi



b.



3. Eid



c.



4. Dasseru



d.



Ans. 1.b 2.a 3.d 4.c

3. Fill in the blanks by choosing the correct words from the bracket.

1. Seviyan, 2. Sikhs, 3. Christmas tree, 4. Garba, 5. rakhi.

Let's do

4. Name the festival of the given symbols and colour the pictures.

Diwali

Christmas



Let's try

1. Answer the following.

- Hindus light diya and burn incense sticks in front of the God.
- Muslims go to the mosque to offer namaz. They offer namaz five times a day.
- Christian go to pray in Church.
- Sikhs go to the Gurudwara.
- Parsis go to the Agiary and pray to the Holy Fire.
- Jain go to the Derasar to pray.

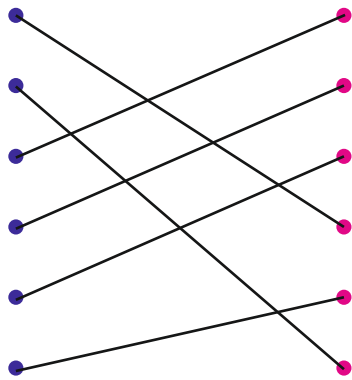
2. Write three things which the preachers of different religions spoke in common.

- Never speak lies.
- Help the poor people.
- Never forget God who has created us.

3. Match the following.

A

- Hindus
- Muslims
- Christians
- Parsis
- Sikhs
- Jains



B

- Church
- Agiary
- Gurudwara
- Temple
- Derasar
- Mosque

Ans. 1.d 2.f 3.a 4.b 5.c 6.e

4. State whether 'true' or 'false'.

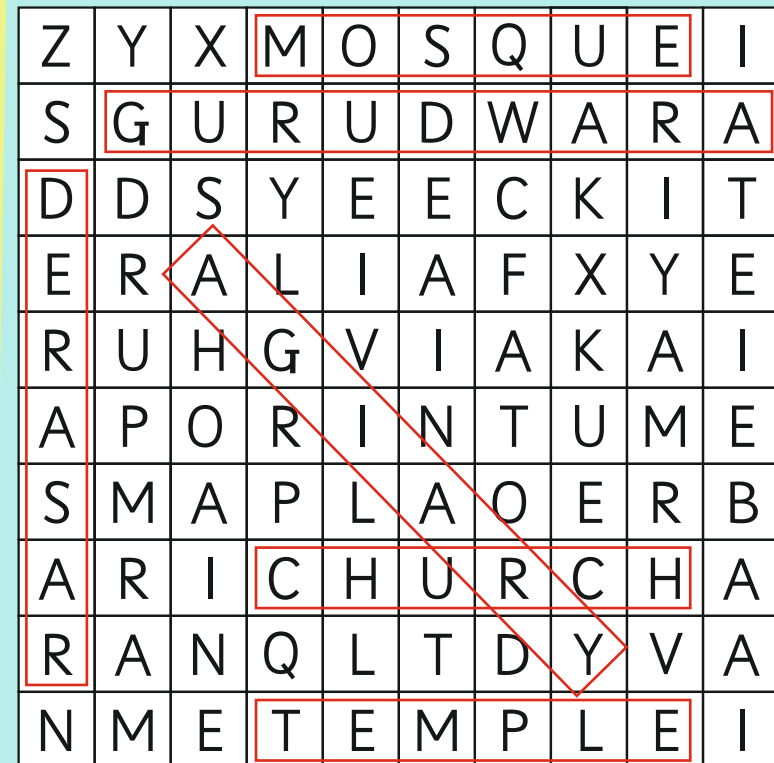
- True, 2. False, 3. False, 4. True.



Let's do

5. Solve the given puzzle and find the words given in the bracket.

(Mosque, Derasar, Gurudwara, Agiary, Temple, Church)



6. Stick the pictures of your place of worship.

(Students will do with teachers help.)



Let's try

1. Answer the following.

- The vehicles that move on land are called land transport. Buses and cars.
- Travelling through means of water is called water transport. Boats and Ships
- Travelling through means of air is called air transport. Aeroplane and helicopter
- The different means of communication are telephone, letters, e-mails, mobile phone, fax, etc.
- The latest means of communication are cell/mobile phone, internet, E-mail, fax, etc.
- People used to walk or use different animals like horse, donkey, camel to travel from one place to another in the olden days.

2. Fill in the blanks by choosing the correct words from the bracket.

1. Air transport, 2. water, 3. land, 4. Telephone.

3. Give any two examples of each of the following.

- | | |
|---------------|------------|
| 1. Taxis | Buses |
| 2. Boats | Ships |
| 3. Aeroplanes | Helicopter |

4. Match the following.

A

B

1. Land transport

2. Water transport

3. Air transport

4. Instrument that helps in speaking to people far away from us

5. Machine that sends documents

6. Machine that helps to send emails

a.

b.

c.

d.

e.

f.



Ans. 1.f 2.e 3.a 4.b 5.d 6.c

5. Complete the crossword.



6. Cross the old and circle the new means of communication.



1. Answer the following.

- Mountains are landforms that rise high above its surroundings.
- Forest is a place with a lot of trees and wild animals.
Desert is a place where there are no trees and few animals.
- Rocks are used for making statues, idols, toys, etc.
- Highways, Monuments
- 71% of the earth is covered with water.
- We dig mines to get minerals like iron, coal, gold, etc.

2. Match the following.

| | | |
|--------------|--|----------|
| A | | B |
| 1. Factories | | a. |
| 2. Desert | | b. |
| 3. Man made | | c. |

Ans. 1.b 2.c 3.a

3. Fill in the blanks by choosing the right words from the bracket.

1. Crops, 2. roads, 3. Sea, 4. Houses.

4. Name the following.

1. Seas Mountains

2. Houses Mines

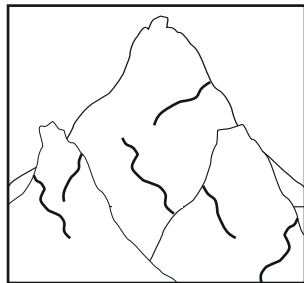
5. State whether 'true' or 'false'.

1. False, 2. True, 3. True, 4. False.

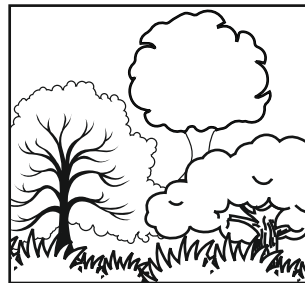


Let's do

6. Identify the physical features of the earth and colour the picture.

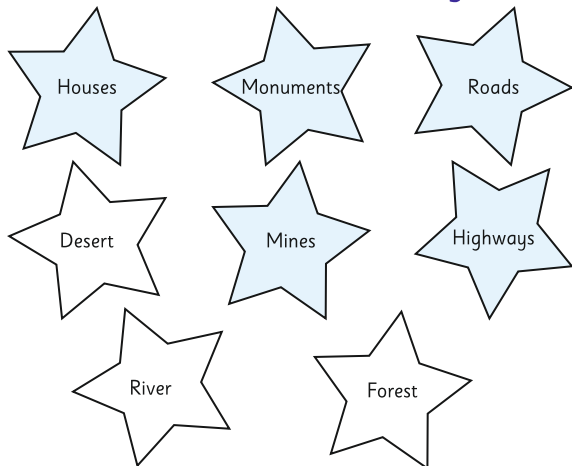


Mountains



Forests

7. Colour the stars with manmade things.



Let's try

1. Answer the following.

1. Air is colourless.

Air occupies space.

Air has weight.

2. Plants inhale carbon-dioxide and exhale oxygen.

3. We should maintain gardens and park by planting more trees, because trees purify the air.

4. Houses have windows so that fresh air can flow inside the house.

2. Fill in the blanks by choosing correct words from the bracket.

1. Chimney, 2. Garbage, 3. health, 4. Flowers.

3. Match the following.

| | | |
|-----------------------------|--|----------|
| A | | B |
| 1. Purify the air with | | a. |
| 2. Smoke from the factories | | b. |
| 3. Spreads germs | | c. |

Ans. 1.c 2.a 3.b

4. State whether 'true' or 'false'.

1. True, 2. True, 3. False.

Let's do

5. Name the following pictures.

Park Factory

6. Colour the things which need air.

(Students will do with teachers help.)

15 The Sun and the Solar Energy

Sem Two

Let's try

1. Answer the following.

1. The sun is a hot burning ball of fire. The sun rises in the east and sets in the west.
2. The energy from the sun helps plants to grow and produce oxygen which helps humans and animals to breathe.
3. Petrol and diesel make the vehicles move.
4. The sun's heat is converted into energy. This is known as solar energy.
5. The sun is the main source of energy.
6. Sun rises in the east and sets in the west.

2. Fill in the blanks by choosing correct words from the bracket.

1. east, west, 2. solar, 3. Plants, 4. save.

3. State whether 'true' or 'false'.

1. True, 2. False, 3. True.

Let's do

4. Observe the directions in which the sun rises and sets, explain with the help of a diagram.

(Students will do with teachers help.)

5. Draw and explain the water cycle.

(Students will do with teachers help.)

16 The Beautiful Sky

Sem Two

Let's try

1. Answer the following.

1. When we look up in the sky during the day, we see the blue sky and sun. During the night, the sky appears black, we see the moon and stars.
2. The light of the moon is very soft but bright, it does not have its own light but gets its light from the sun.
3. We cannot see the stars during the day time because of the bright sunlight.
4. People can travel long distance in a very short time in an aeroplane.




2. Fill in the blanks by choosing correct words from the bracket.

1. Birds, 2. Clouds, 3. The moon, 4. kites.

3. State whether 'true' or 'false'.

1. True, 2. False, 3. True, 4. True.

4. Match the following.

| | | |
|--|---|--|
| A | | B |
| 1. Children like to play with | ● | a.  |
| 2. Vehicle that moves in the sky | ● | b.  |
| 3. Heavenly bodies which we see at night | ● | c.  |

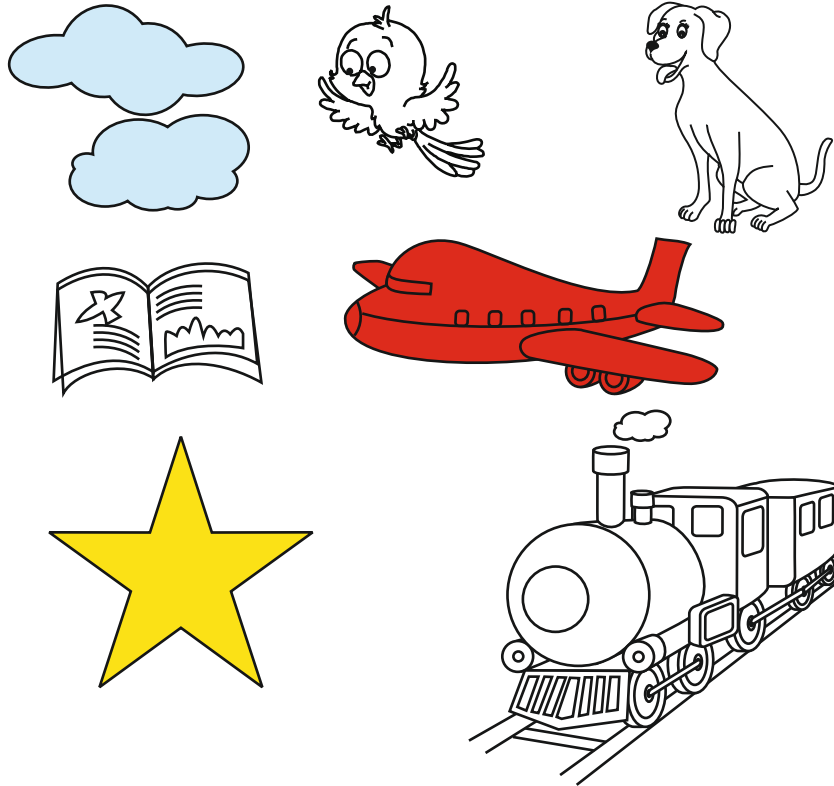
Ans. 1.c 2.a 3.b

Let's do

5. Name, draw and colour any three things you see in the sky.

(Students will do with teachers help.)

6. Colour only those things which you find in the sky.



17 God's Precious Gift to Us - water

Sem Two

Let's try

1. Answer the following.

- Rain is the main source of water.
- Rivers, lakes, wells, tanks, ponds, dams are the other sources of water.

- We need water for drinking, cooking, cleaning, bathing and water the plants.
- We should drink pure water so that we do not fall sick.
- We can make drinking water pure by boiling the water and also using water filters.
- Dams are built to store water, so that the water can be used for various purposes throughout the year.

2. Fill in the blanks by choosing correct words from the bracket.

1. fields, 2. living beings, 3. water, 4. boiled.

3. State whether 'true' or 'false'.

1. True, 2. False, 3. True, 4. False.

4. Match the following.

| | | |
|---------------------|--|----------|
| A | | B |
| 1. Source of water | | a. |
| 2. Use of water | | b. |
| 3. Method to purify | | c. |

Ans. 1.c 2.a 3.b

Let's do

5. Name the activity performed by each one of them.

- | | | |
|----------|---------------------|----------|
| Drinking | Washing clothes | Cooking |
| Bathing | Watering the fields | Cleaning |

6. Colour the given picture and write down in which season you see a rainbow.

Rainy Season