



पुना International School

Shree Swaminarayan Gurukul, Zundal

Class - V

*ENVIRONMENTAL
STUDIES*

LOOKING AROUND

Specimen Copy

Year- 2020-21

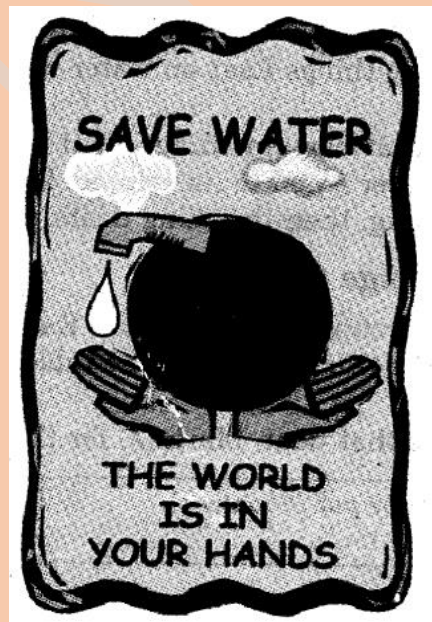
Date: _____

CH-6

Every drop counts

❖ New words:

1. Verandahs
2. Drains
3. Precious
4. Johads
5. Labourer
6. Bavdis
7. Stepwell
8. Storeys
9. Caravans
10. Travellers
11. Piau
12. Mashak
13. Garbage
14. Handpump
15. Borewell



❖ Word meaning:

1. **Caravan:** People travelling together mostly with animals.
2. **Step Well:** A well where one has to go down a series of steps to draw water.
3. **Bore Well:** A well built by drilling into the earth.
4. **Brass:** An alloy of copper and Zinc.

❖ Answer the following questions:

1. From where do you get water in your homes?

Ans: We get water from either a ground water source or from a river, lake, and reservoir.

2. What can you do to minimise your water bill?

Ans: We should take shorter shower, install a low flow shower head, do not let water run.

3. How is the water provided in colonies where there is no supply of water through pipe line?

Ans: Water can be provided through water tanks by the municipal.

❖ Answer the following questions:

1. Why decorated verandas, large halls and rooms were made around lakes?

Ans: So people come there to celebrate festival of music and dance.

2. Who was Al-Biruni? What did he write about the skill of Indian people in making ponds?

Ans: Al-Biruni was a traveller. He wrote that Indian people are very skilled at making ponds and my countrymen would be surprised to see them.

3. What are Johads?

Ans: A johad is a rain water storage tank.

4. Why are wells dried up now?

Ans: Because water is being pumped up from under the ground with the help of electric motor. The soil around trees and parks is now covered with cement.

- **YOU TUBE LINK FOR EXPLANATION PART:**

<https://www.youtube.com/watch?v=yT5ftt9tACA>

- ❖ **Activity:**
Draw or paste stepwell.



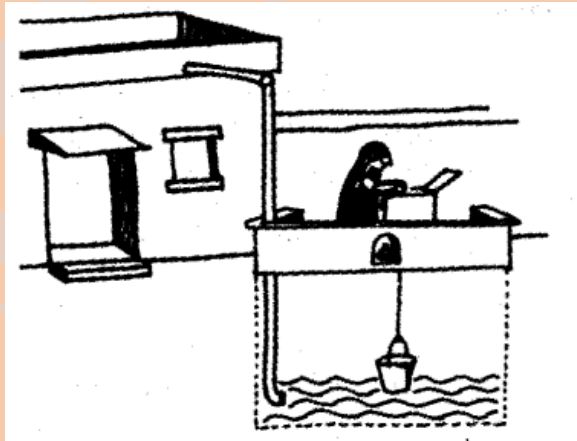
EXERCISE CORNER

Q-1. Fill in the blanks:

[celebrate, lake, rain, necessity, stepwells]

1. Sar means _____
2. People in earlier times use to make _____ for the travellers.
3. At some places, whenever lakes get filled up with rain water the people gather around the lakes to _____
4. Water is _____ of our life and should be used wisely.
5. _____ is the purest source of natural water.

Q-2. Observe the picture and give the answer.



1. Where can we find such kind of houses?

Ans: _____

2. How water is saved with such a system in houses?

Ans: _____

Q-3. Identify the pictures.



Thank You



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Year- 2020-2

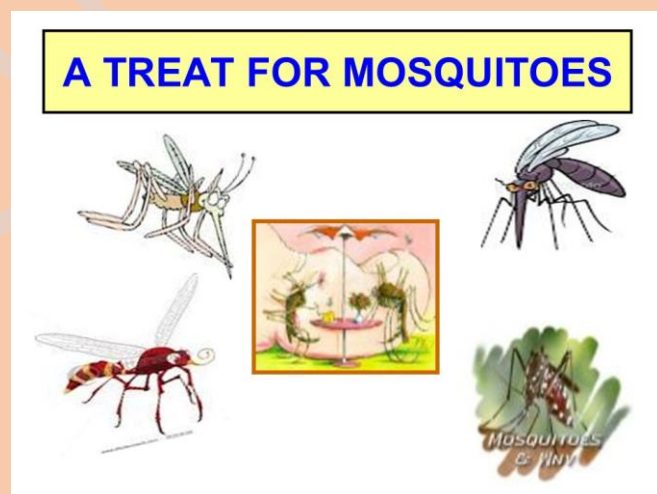
Date: _____

CH-8

A treat for mosquitoes

❖ New words:

1. Blood test
2. Pricked
3. Malaria
4. Mosquito
5. Disease
6. Syringe
7. Anaemia
8. Haemoglobin
9. Dengue
10. Chikungunya
11. Larvae
12. Flies
13. Drains



❖ Word meaning:

1. **Microscope:** An instrument used to magnify image of small objects
2. **Germs:** a minutes life- form that cause diseases
3. **Discovery:** the act of finding something that may not have been known before

❖ Give the reasons:

1. It is advised not to eat cut or uncovered food items.
Ans: Because it has a lot of harmful bacteria.
2. We should put kerosene oil in fountains, water cooler, etc (where there is stagnant water)
Ans: To prevent the growth of mosquitoes.

❖ Answer the following questions:

1. What is Anaemia?
Ans: A disease in which there is less haemoglobin or iron in the blood.
2. What kind of diet is suggested for a patient of Anaemia?
Ans: Jaggery, Amla, green leafy vegetables, beans and nuts.
3. What is given in municipal schools to anaemic children?
Ans: Iron tablets

● **YOU TUBE LINK FOR EXPLANATION PART:**

<https://www.youtube.com/watch?v=rJuZMbftXAM>

- ❖ **Activity:**
Draw or paste mosquito.



EXERCISE CORNER

Q-1. Fill in the blanks:

[Dengue and chikungunya, anopheles, flies, Dr. Ronald Ross]

1. Malaria is spread by female mosquitoes known as _____
2. Mosquitoes spread diseases like _____ and _____
3. Apart from mosquitoes, _____ also spread many diseases.
4. _____ found that mosquitoes spread malaria.

Q-2. Observe the picture and give the answer.



1. Identify the great scientist given in the picture.

Ans: _____

2. What he had researched about?

Ans: _____

Q-3. Think and answer the following.

1. Do you know anyone who has had malaria?

Ans: _____

2. How did they find out that they had malaria?

Ans: _____

3. What problems they had during malaria?

Ans: _____

4. Write other names of disease which can caused by mosquitoes.

Ans: _____

Thank You



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CH-9

Up you go!

❖ New words:

1. Mountaineering
2. Institution
3. Screamed
4. Rucksack
5. Responsibility
6. Pitons
7. Estimate
8. Frozen
9. Shivering
10. Chattering
11. Rapling
12. Sleeping bag
13. Snow flakes
14. Camp fire

❖ **Word meaning:**

1. **Rucksack:** A bag carried on your back or shoulder, usually by people going on treks
2. **Adventure:** an exciting undertaking
3. **Tugging:** pulling hard
4. **Wind cheater:** a kind of heavy jacket to protect against the wind

❖ **Answer the following questions:**

1. **Where did Bachhendri Pal spend her childhood?**

Ans: She spent her childhood in Nakuri village in Uttarakhand.

2. **Which institute did Bachhendri Pal join to learn mountaineering?**

Ans: Nehru institute of mountaineering.

3. **Who was Bachhendri Pal's guide?**

Ans: Brigadier Gyan Singh

4. **Bacchendri Pal was selected to climb which mountain in 1984?**

Ans: Mount Everest

5. **Define the terms (a) Sleeping bags (b) Rock climbing**

Ans: (a) a large bag that can be used for sleeping in camping

(b) the sport of climbing rocks with rope.

❖ Answer the following questions:

1. What did Sangeeta Arora decide to do when she saw blisters on her feet on the second day of her camp? How did Brigadier Gyan Singh react to her problem?

Ans: She decided to excuse herself from that day's track but the director did not allow to do so. He said it's nothing new.

2. What do mountaineers do for their safety?

Ans: rope, helmet, boots, crampons, pulley, rappel device etc

3. What is rappelling?

Ans: Descend a rock face by using a doubled rope coiled around the body and fixed at a higher point.

4. How did Sangeeta meet Bachhendri Pal?

Ans: Bachhendri Pal had come to see the blessing of Director Brigadier Gyan Singh in our camp.

5. What programme was there on last day of camp?

Ans: Singing, dancing, and telling jokes.

6. Why did Bachhendri Pal put the Indian flag on the peak?

Ans: In order to honour our country, Bachhendri put up the Indian flag on the peak.

❖ **Activity:**

Draw or paste the Indian flag on mountain.



EXERCISE CORNER

Q-1. Fill in the blanks.

[sticks, pegs, Mizo, blisters, cucumbers]

1. Sangeeta had _____ on her feet.
2. Khondonbi spoke only _____ language.
3. The rope was tightly fixed to _____ on both sides of the river.
4. Khondonbi plucked two _____ from the field.
5. Mountaineers walk on snow with the help of _____

Q-2. Think and write:

1. What kind of tools are needed to climb mountains?

Ans:

2. Have you ever seen hook or rope being used for anything else? Where?

Ans:

3. What else can we use if we want to cross a river in the mountains?

Ans:

Q-3. Identify the pictures.



Ans: _____

Ans: _____

PUNYA

Thank You



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CH-11

Sunita in space

❖ New words:

1. Globe
2. Space
3. Strange
4. Comb
5. Photograph
6. Amazing
7. Curved shape
8. Scientist
9. Recognize
10. Twinkling
11. Silvery
12. Shooting star
13. Satellite
14. Space craft

❖ Word meaning:

1. **Globe:** a small model of the earth
2. **Spaceship:** a vehicle that travels in space
3. **Satellite:** an object which rotates around the planet
4. **Space:** the area outside the earth's atmosphere

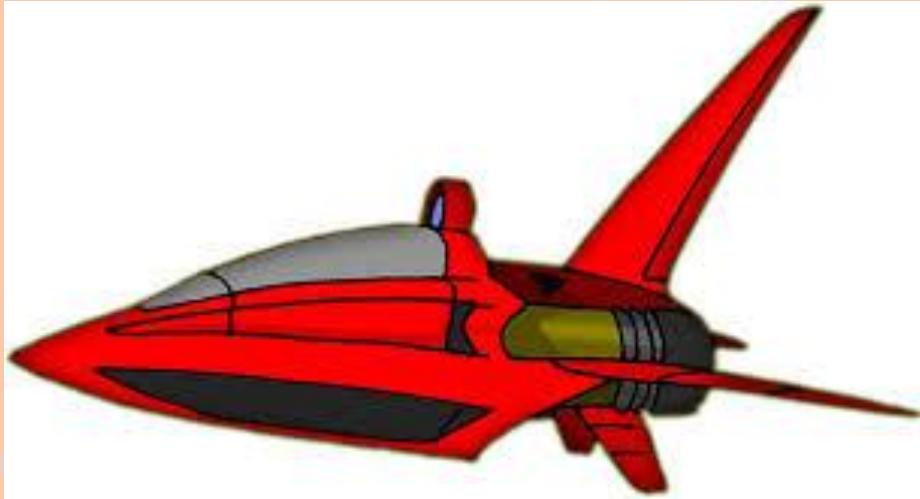
❖ Answer the following questions:

1. From whom was Sunita inspired in her childhood?
Ans: Neil Armstrong
2. What did Sunita want to become when she was young?
Ans: School teacher
3. What did she become when she grew up?
Ans: Astronaut
4. What record did Sunita make?
Ans: She set a new record for longest space flight by a woman.
5. Why did Sunita want to become a school teacher?
Ans: So she could make children understand how science and math are closely linked to our lives.

❖ Answer the following questions:

1. Who is Sunita Williams? Why did she come to India?
Ans: Sunita Williams is an astronaut. She came to India to fulfil Kalpana's Dream.
2. What was Kalpana's dream?
Ans: Kalpana's dream was to meet children.
3. How did Sunita describe her view of the earth from space?
Ans: The earth looks very beautiful. She could clearly see curved shape of the earth.

❖ **Activity:**
Draw or paste a spacecraft.



EXERCISE CORNER

Q-1. Fill in the blanks.

[seas and oceans, 6 months, land and sea, blobs, Bachhendri Pal]

1. _____ became the first Indian woman to reach Mount Everest.
2. The blue parts of the globe are _____, _____
3. Water floats like _____ in space.
4. Sunita Williams could only make out the _____ and the _____ on the earth from space.
5. Sunita Williams has spent more than _____ in space.

Q-2. Think and write:

Imagine that you are in space....zooomm..and give the answers for the following questions.

1. Are you able to sit at any one place?

Ans:

2. What about your hair?

Ans:

3. If you are having a bag with you, where will it go?

Ans:

Q-3. Write about the difficulties what we can see in the given picture.

Think and write:



Ans:

Thank You