

HOLIDAY HOMEWORK SESSION (2018-2019) CLASS-VIII

It's vacation time! Time to rejoice and rejuvenate. This is also the time to don your creative hat. So let your fingers dance around with ink and pen, paper and scissors, paint and colours and waste materials.

GENERAL INSTRUCTIONS

1. Holiday homework for all the subjects is to be done on A-3 size sheets compiled together.
2. The folder to keep A-3 size sheets should be made in a creative manner.
3. Paste relevant pictures according to the topic.
4. Use biodegradable material for models (example: bangles, tetra packs, waste plastic, packaging material, old clothes, dupattas, beads, friendship bands, etc.)

ENGLISH

1. Farm to store-Prepare a storyboard depicting the life of a farmer and how the food products reach our homes from the farms. You may include pictures and various harvest hymns that the Farmers sing.

2. Books –the storehouse of knowledge -Read any of these books and write the character- sketch of the person you liked the most. [Word limit -200-250 words]

- The call of the wild by Jack London
- Life of pi by Yann Martel
- Northern Lights by Philip Pullman
- Room on the Roof by Ruskin Bond

3. Movie Review

Watch a good English movie [Alive, Gorillas in the mist, Charlie and the chocolate factory, Touching the Void] Prepare a review for the same covering the following topics

- Name of the movie.
- Genre: what kind of movie it is [cartoon, adventure, comedy]
- Write a critical analysis [writer's opinion]
- Rating using stars.
- Recommendation-Why people should see it?

4. Kindness Matters

Do any one act of kindness [help any stray animal, serve at homeless shelter, give drinks to beggars on a hot day, feed the birds in the park] click some photographs. Paste them and pen down your feelings after doing the act of kindness.

5. Diary Entry

To beat the scorching heat of summer, you and your family planned a trip to a wonderful hill station / relative's place. After coming back from trip write down about the place you visited and paste a few pictures. Write about the memories you have engraved in your heart as a diary entry in about 200 words.

SCIENCE

Q1. Plan a visit to a Sanctuary, National Park or a zoo. Observe the plants and animals found in the place. Based on your observations

- a. List the names of the plants and animals spotted in the place.
- b. Collect the leaves (fallen ones), seeds and make a record in your file.

c. Try to find out the efforts made by the authorities in protecting them.

Q2 Health is Wealth. Prepare a diet chart of 12 year old child .The diet chart should be balanced and should include food items which are not expensive and are commonly available in your area.

Q3 It is important to save paper and hence recycle it. Write steps to show the journey of a paper from plant to your notebook with pictures. Depict the importance of recycling of paper and how it is beneficial for everyone.

MATHS

Q1. a. Collect information about tiger reserves in India i.e. state, Name the tiger reserve and area occupied in sq.km.

b. Tiger population state wise 2010 to 2018

c. Compare the tiger population 2014 and 2018 with help of double bar graph .Use two different colours

d. Find % growth /decline of tiger population in top 5 states

Q2. Collect the data of total no. of national parks, biosphere reserve and wildlife sanctuaries present in India. Represent this data in the form of a pie chart.

Also, take any one national park, biosphere reserve or wildlife sanctuary of any one state of India with details about no. of different animals conserved there. Represent this data in the form of bar graph.

Q3. Find the distance of all planets from sun and write in standard form .

SST

Q1. Collect information about any one tribal group living in India from different sources. Pen down the details and also write how their way of life has changed in recent years

Q2. On the political map of India. Mark at least best five wildlife sanctuaries and best five botanical gardens.

Q3. Man's constant interference with nature is posing a great threat to the environment.

List any five human activities which you feel are causing a threat to sustainable development.

Suggest any five ways by which you can contribute towards sustainable development

ART AND CRAFT

1. Make a handmade pot with waste towel with white cement.

2. Make one canvas

HINDI

- 1) 'धरती की करुण पुकार' विषय पर एक स्वच्छित कविता लिखो।
- 2) हमारे बुजुर्ग हमारी धरोहर हैं। पहले के समय में बच्चों को उनके दादा-दादी के साथ समय व्यतीत करने का मौका मिलता था पर अब अलग परिवार बसाने की बढ़ती प्रणाली की प्रवृत्ति के कारण एक दूसरे से कम ही मिल पाते हैं। क्या आप इस बात से सहमत हैं? कुछ ऐसे सुझाव दीजिए जिससे इस दिशा में काम किया जा सके और इस दूरी को खत्म किया जा सके।

PROJECT BASED HOMEWORK

GREEN THERAPY

It's great to reuse old plastic bottles and to add some greenery to a small urban space . grow small herbs [basil, coriander ,lemongrass, curry leaves, mint]and climbers [money plant ,sweet pea , bougainvillea ,morning glory , grape vine] in a well decorated plastic bottle . Take care of it and bring it to school after vacation. Write the plant's name on a small cardboard placard.

The air pollution levels in Delhi have reached the hazardous mark, so we need to purify the air within our homes in a natural way. Grow a house plant (Aloe Vera, peace lily, Bamboo Palm, Green Spider plant, Snake plant) and bring it to school after vacation.

Do the handful of duty

Many species will have become extinct due to human encroachment on their habitats long before we have discovered the true wealth of biodiversity we are destroying. Why is it important to conserve biodiversity? What role can you play to help promote biodiversity?

Enhance your creativity

Prepare a colourful poster with a catchy slogan on the theme as per the topic assigned against your class.

- Save Earth from Global Warming (VIII-A)
- Save Forests (VIII-B)
- Save Wildlife (VIII-C)

Prepare any one handicraft item as per the topic assigned against your class

Plant holders using rope / jute / wool (class VIII-A)

Bird House (class VIII-B)

Cushion covers with pictures of flora and fauna (use fabric colours) (class VIII- C)

JOIN HANDS TO CREATE AWARENESS

Be a journalist. Talk with people around you about global warming, the factors that are harming our planet and the ways we can save mother earth from the damage. Pen down the details.

MIGRATORY BIRDS

India is considered as a preferred destination for several species of birds during the winter season. As per the "Asian water bird Census "there has been a decreasing trend in the migration of some birds during the last decades.

Prepare a list of at least 10 such birds .paste their pictures. Enlist their reasons for decline in migration .

Save Taj Mahal

Taj Mahal, one of the Seven Wonders of the World is largely affected by acid rain. scientist have announced that the 'browning 'of India's famed mausoleum .the Taj Mahal is being caused by pollution ,most of it man- made . Do you agree? justify your answer. What steps do you think can be taken to conserve and restore its beauty?

- Prepare a beautiful chart on hand made sheet to show amazing facts about biodiversity
- Prepare a beautiful chart to show the advantages of conservation
- Make a collage of important wildlife protection projects undertaken by Indian government on an old dupatta or a waste piece of cloth.
 - a. Project tiger
 - b. Crocodile conservation project
 - c. Project Elephant
 - d. Project rhino
 - e. Himalayan Musk Deer project
 - f. Project great Indian bustard
 - g. Project sea turtle
 - h. Project Indian bison
 - i. Project Nilgiri Tahr
 - j. Project Asiatic lion

• Prepare a model with a 3-D effect chart as per the topic assigned against your ROLL no.

1. Bio-diversity
2. Major causes of bio-diversity los

CLASS- VIII C

3. National parks and wildlife sanctuaries

- a. Jim Corbett national park [uttarakhand] (R.No. 1,2)
- b. Ranthambore national park[Rajasthan] (R.No. 3,4)
- c. Bandipur national park [Karnataka] (R.No. 5,6)
- d. Keoladeo Ghana national park[Rajasthan] (R.No.7,8)
- e. Gir national park [Gujarat] (R.No. 9,10)
- f. Sariska national park [Rajasthan] (R.No. 11,12)
- g. Kaziranga national park [Assam] (R.No. 13,14)
- h. Sundarbans national park [west Bengal] (R.No. 15,16)
- i. Kanha tiger reserve [m.p] (R.No. 17,18)
- j. Kanchenjunga national park [Sikkim] (R.No. 19,20)
- k. Manas national park [Assam] (R.No. 21,22)
- l. Periyar national park [Kerala] (R.No. 23,24)
- m. Dachigam wildlife sanctuary[Jammu and Kashmir] (R.No. 25,26)
- n. Chilika lake bird sanctuary[odisha] (R.No. 27,28)
- o. Bharatpur bird sanctuary [Rajasthan] (R.No. 29,30)
- p. Sultanpur bird sanctuary [gurgaon] (R.No. 31,32)
- q. Kumarakom sanctuary [Kerala] (R.No. 33,34)

4. Biosphere reserves and coral reefs

- a. Nilgiri [Tamil nadu] (R.No. 35,36)
- b. Gulf of mannar [Tamil nadu] (R.No. 37,38)

CLASS- VIII B

Biosphere reserves and coral reefs

- c. Lakshadweep (R.No. 1,2)
- d. Gulf of Kutch (R.No. 3,4)
- e. Andaman and nicobar islands (R.No. 5,6)

Botanical gardens

- a. Indian botanical garden [Kolkata] (R.No. 7,8)
- b. Lal Bagh [Bangalore] (R.No. 9,10)
- c. Government botanical garden [ooty] (R.No. 11,12)
- d. Pinjore garden [Chandigarh] (R.No. 13,14)
- e. Nishat Bagh [sri nagar] (R.No. 15,16)
- f. Lodhi garden [Delhi] (R.No. 17,18)
- g. Hanging garden [Mumbai] (R.No. 19,20)

Zoological parks

- a. Nehru zoological park [Hyderabad] (R.No. 21,22)
- b. Natwnal zoological park [Delhi] (R. No. 23,24)
- c. Rajiv Gandhi zoological park [Maharashtra](R.No. 25 ,26)
- d. Indira Gandhi zoological park [Andhra Pradesh] (R.No.27,28)
- e. Bannerghatta zoological park [Bangalore] (R.No. 29,30)

Seed bank

- a. Kew's millennium seed bank [England] (R.No 31,32)
- b. Navdanya seed bank [uttarakhand] (Run. 33 ,34)
- c. Svalbrad global seed vault [Norway] (R.No. 35 ,36)
- d. National center for genetic resources [Colorado] (R.No 37,38)
- e. Vavilov research institute [Russia] (R.No. 39,40,41)

Class VIII -A

Acid rain

- a. Acid rain formation (R.No. 1,2 ,3)
- b. Causes of acid rain (R.No 4,5,6)
- c. Effects of acid rain (R.No. 7,8,9)
- d. Prevention (R.No 10,11,12)

Green house

- a. Model of greenhouse (R.No 13, 14,15)
- b. Process of green house (R. No 16,17,18)
- c. Reduce emission of green house gases (R.No. 19, 20 21)
- d. Greenhouse effect (R.No. 22, 23,24)

Global warming

- a. Climatic change and Global Warming (R.No 25,26)
- b. Causes of Global Warming (R .No. 27,28)
- c. Effects of Global Warming (R.No. 29, 30)
- d. Prevention of Global Warming (R.No 32,33)

Windmill

- a. Working model of Windmill (R .No. 31,34,35)