



The S D Vidya School, NOIDA

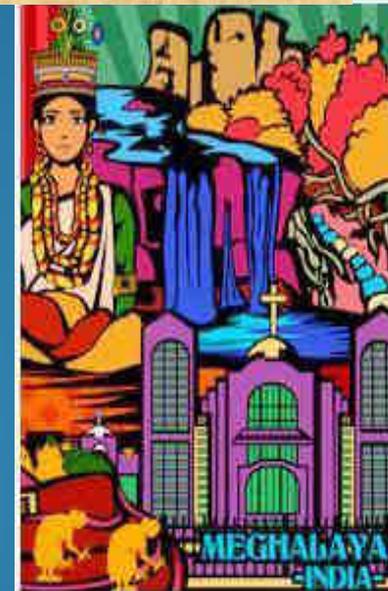
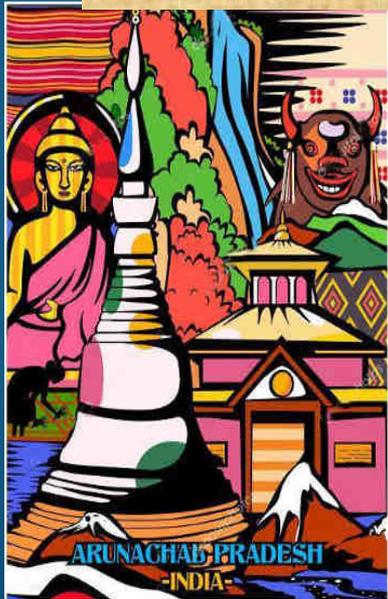
SUMMER HOLIDAY HOMEWORK

SESSION (2022-23)

CLASS-VIII



Topic- Flora and fauna of Arunachal Pradesh and Meghalaya



Dear Children,

The summer vacations are round the corner and vacations are something loved by a student of every age. The most significant factor of holiday is you get to unwind and refresh your mind. A vacation offers everyone a break from work with a chance to relax and recharge oneself. So, keeping that in mind we bring a fun-filled journey of India's beautiful North-eastern states from the safety and comfort of our homes. The project is a kaleidoscope of simple but thoughtfully-planned activities which will target the critical and creative thinking of the students. It is an integrated project with well-knit curricular and co-curricular activities targeting competency based learning.

Holiday homework has been designed with the following objectives:

- To keep you connected with the syllabus***
- To enhance your creativity and to engage your constructively***
- To Bring out innate potential in you***

- Parents can be the facilitators for the child at home but the child needs to complete the work in his/her handwriting***
- Submission of work on time post vacation is mandatory for all the students***

INTRODUCTION

- Arunachal Pradesh has among the highest diversity of mammals and birds in India. There are around 750 species of birds and more than 200 species of mammals in the state.
- Due to diverse climatic and topographic conditions, Meghalaya forests support a vast floral diversity. These forests receive abundant rainfall and support a vast variety of floral and faunal biodiversity.
- It harbours over 5000 plants, about 85 terrestrial mammals, over 500 birds and many butterflies, insects and reptiles.



ENGLISH

The forests of Meghalaya are a treasure house of valuable products such as timber, fuel wood, fodder, resin, tannin, gums, shellac, fibre, latex, essential oils, fats, edible fruits, honey and a large number of medicinal plants.

Arunachal is the land of green gold. Due to the variation in altitudes and climatic conditions. Vast climatic variations of Arunachal Pradesh have resulted in the existence of almost all types of timber wealth

I. Make a power-point presentation (of 10 slides) depicting the flora and fauna of any of the above mentioned states. Use the following guidelines-

- Introduction
- Timber- vital element in the economy of Meghalaya(only an example)
- The medicinal plants/significance
- Meghalaya – a storehouse of richly colorful Orchids – 325 species

II. Prepare a project file, including the Collage of the flora and fauna shown in

the PPT. Write a letter to your friend (150 words) planning a trip to Meghalaya OR Arunachal Pradesh (state you choose for the project).



HINDI

अरुणाचल प्रदेश और मेघालय की रितिक सुंदरता और प्रकृति की विशेषताओं को दर्शाते हुए एक प्रोजेक्ट फाइल तैयार कीजिए।

प्रस्तुतीकरण

1. प्रमुख कवि व प्रकृति पर आधारित उनकी रचनाओं का संकलन कीजिए।
2. प्रदेशों के प्राकृतिक वातावरण में अंतर स्पष्ट कीजिए



3. आप अपनी ग्रीष्मकालीन अवकाश में मेघालय प्रदेश घूम कर आए हैं। अपने मित्र को पत्र लिखिए विवाह की प्राकृतिक विशेषताओं में सुंदरताओं का वर्णन करते हुए वहां पर घूमने का उसे सुझाव दीजिए।



MATHEMATICS

Prepare a project file on the following :

1. Collect information about tiger reserves in any three north-eastern states, Name of the tiger reserve and area occupied in sq. km.
2. Tiger population state-wise in the years – 2006, 2010, 2014, 2018
3. Compare the tiger population in 2014 and 2018 with the help of a double bar graph. Use 2 different colours.
4. Find the percentage growth/decline of tiger population in each state
5. Why should the tigers be saved?
Give top 5 reasons.

Note :

Add interesting pictures in the project file.



SCIENCE

● ACTIVITY AND INSTRUCTIONS:

Make power-point presentation (of 15 slides) using the following guidelines-

- i) Introduction
- ii) Importance of bio-diversity
- iii) Endangered species (2 plants + 2 animals)
- iv) Extinct species (2 plants + 2 animals)
- v) Steps that we can take to conserve biodiversity.

● Criterion for allocation of marks-

- i) Presentation- 2 marks
- ii) Information collected-6 marks
- iii) Relevance/ Resources- 2marks

LEARNING OUTCOME:

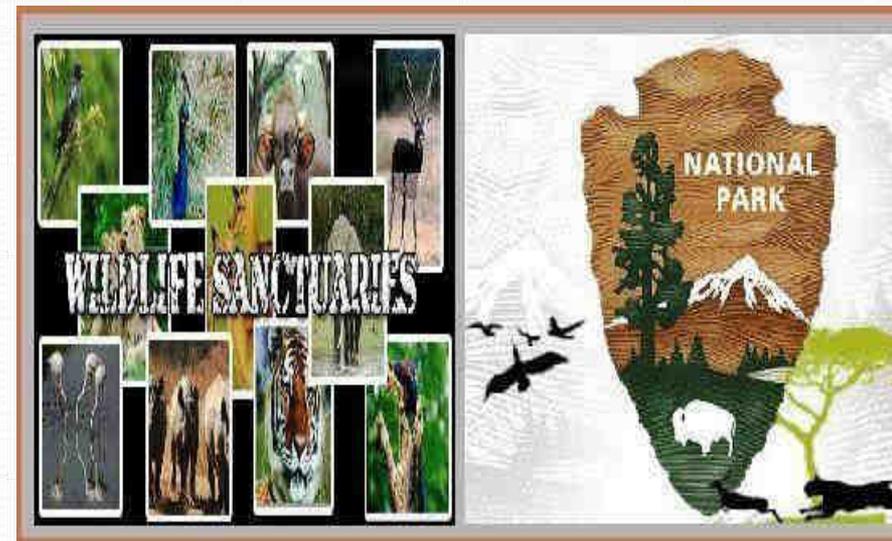
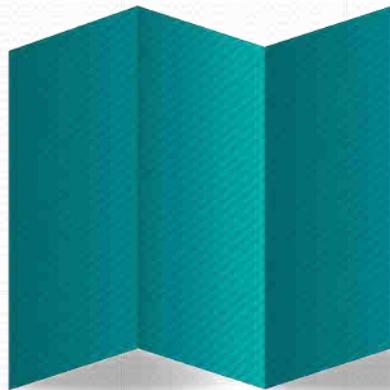
Students will be able to define bio-diversity and understand how to conserve biodiversity



SOCIAL SCIENCE

Arunachal Pradesh and Meghalaya are home to several national parks and sanctuaries with rich flora and fauna. Tourists flock here to experience the best of wildlife in some famous wildlife sanctuaries.

- Select any one wildlife sanctuary/ national park each of Arunachal Pradesh and Meghalaya and make an interesting and creative travel brochure for the same.
- The travel brochure should contain information (When to go (best time to visit), Where to stay, how to reach, what to see etc.) related to that wildlife sanctuary/ national park and pictures.
- Use A3 sheets to make a fan fold brochure



THE SD VIDYA SCHOOL, NOIDA

SUMMER HOLIDAY HOMEWORK

2022-23

SUBJECT: ENGLISH

ASSIGNMENT 1

TASK 1: Complete the sentences with the right determiners or quantifiers. Mention if the noun is used as countable or uncountable in the sentences.

1. Have you got _____ typing **paper**?
2. I am going to write _____ **three-hour paper**.
3. Have you got _____ **coffee**?
4. Could I have _____ **coffees**?
5. Don't hurry take your _____ **time**.
6. Have _____ nice **time**.
7. I had _____ strange **experience** last week.
8. I have got _____ **experience** for the job.

TASK 2: Make meaningful sentences using the abstract nouns given. Use suitable qualifiers.

Example: It takes a lot of **bravery** to stand up for what you believe in.

1. love
2. pleasure
3. calm
4. despair
5. hope
6. kindness
7. childhood
8. Misery

SUBJECT: ENGLISH

ASSIGNMENT 2

All the English Holiday Assignments to be done in the English Grammar Notebook.

TASK 1: Meenakshi Goel is the Sports Captain of Navodaya School. The sports day is to be held on March 21st which is just two weeks away. She has to inform house captains that they have to submit the names of the participants to her in a week's time. A student cannot take part in more than three events excluding the relay. Any delay or wrong information will lead to disqualification of the student. Write the notice for Meenakshi using not more than 50 words.

TASK 2: You are Anupam, the editor of the school magazine, and want to hold an interclass competition to collect poems and cartoons for the magazine before 20 August, 2016. Draft a notice for the students' notice board inviting entries. Mention all details required like entry dates, prizes etc. Give your notice an appealing heading.

TASK 3: Write a letter to the editor of 'The Times of India' complaining about the nuisance created by the use of loudspeakers. You are Peeyush Sharma, a resident of Sector 15, Vasundhara Enclave, New Delhi.

TASK 4: Observe the following visual and write a letter to the editor of a local daily regarding the condition of bad roads in your locality.



SUBJECT- MATHS
ASSIGNMENT-1

Multiple choice questions

1. If three angles of a quadrilateral are each equal to 75° , fourth angle is
a. 150° b. 135° c. 45° d. 75°
2. For which of the following , diagonals bisect each other
a. Square b. kite c. trapezium d. quadrilateral
3. For which of the following figures, all the angles are equal?
a. Rectangle b. kite c. rhombus d. trapezium
4. What is the sum of all angles of a pentagon?
a. 180° b. 360° c. 540° d. 720°
5. The sum of three consecutive multiples of 7 is 357. Find the smallest multiple.
a. 112 b. 126 c. 119 d. 116
6. The number of side of a regular polygon whose each interior angle is 135° is
a. 6 b.7 c. 8 d. 9
7. Which one has all the properties of kite and a parallelogram
a. Trapezium b. rhombus c. rectangle d. parallelogram
8. Angles of quadrilateral are in a ratio 2:3:5:8. Find the measure of each angle.
9. Find the measure of an interior angle of a regular polygon of 9 sides

10. Convert the following statements into equations.

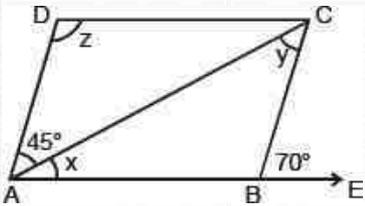
- (a) 3 added to a number is 11
- (b) 2 subtracted from a number is equal to 15.
- (c) 3 times a number decreased by 2 is 4.
- (d) 2 times the sum of the number x and 7 is 13.

11. Jane is 6 years older than her younger sister. After 10 years, the sum of their ages will be 50 years. Find their present ages.

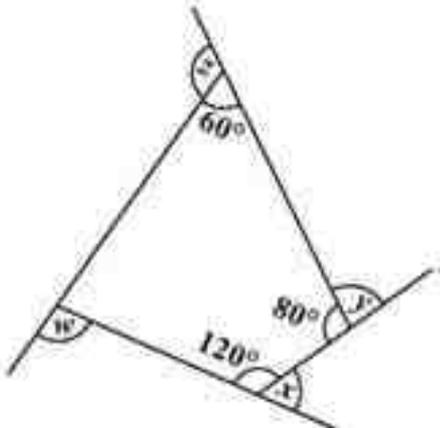
12. The denominator of a fraction is greater than the numerator by 8. If the numerator is increased by 17 and denominator is decreased by 1, the number obtained is $\frac{3}{2}$, find the fraction.

13. A sum of Rs 2700 is to be given in the form of 63 prizes. If the prize is of either Rs 100 or Rs 25, find the number of prizes of each type.

14. Find x , y and z .



15. Find $x + y + z + w$.



ASSIGNMENT NO. 2

1. Fill in the Blanks

(i) The reciprocal of negative rational number is _____.

(ii) If a is reciprocal of b, the b is reciprocal of _____.

2. By what number should $-\frac{3}{4}$ be multiplied in order to produce $\frac{2}{3}$?

3. Divide the sum of $\frac{65}{12}$ and $\frac{12}{7}$ by their difference.

4. Find three rational numbers between -2 and 5.

5. Find ten rational numbers between $-\frac{2}{9}$ and $\frac{5}{9}$

6. Represent $\frac{-3}{4}$ and $\frac{1}{2}$ on same number line.

7. Simplify by using property (Suitable)

$$-\frac{5}{4} \times \left(\frac{8}{5} + \frac{16}{5} \right)$$

8. Name the Property.

$$\frac{13}{-17} \times 1 = \frac{13}{-17} = 1 \times \frac{13}{-17}$$

9. Find reciprocal of

$$(i) \frac{-3}{8} \times \frac{-7}{13} \qquad (ii) \frac{3}{4} + \frac{1}{6} - \frac{1}{3}$$

10. Simplify : $\frac{3}{11} \times \frac{-5}{6} \times \left(\frac{-22}{9} \right) \times \left(\frac{-9}{5} \right)$

11. By what number should we multiply $\frac{-8}{13}$ so that the product may be 24 ?

12. Verify associative property of addition and associative property of multiplication for

$$\frac{2}{3}, \frac{5}{4}, \frac{7}{12}$$

THE SD VIDYA SCHOOL
MATHEMATICS
CLASS VIII
ASSIGNMENT NO.3

Q1. Three consecutive integers are as such when they are taken in increasing order and multiplied by 2, 3, and 4 respectively, they add up to 56. Find these numbers.

Q2. The perimeter of a rectangular swimming pool is 154 meters. Its length is 2 m more than twice its breadth. What are the length and breadth of the pool?

Q3. Sum of two numbers is 95. If one exceeds the other by 15 find the numbers.

Q4. Two numbers are in the ratio 4:3. If they differ by 18, find these numbers

Q5. Three consecutive integers add up to 57. What are these integers?

Q6. There is a narrow rectangular plot. The length and breadth of the plot are in the ratio of 11:4. At the rate of Rs. 100 per meter it will cost village panchayat Rs.75000 to fence the plot. What are the dimensions of the plot?

Q8. Amina thinks of a number and subtracts $\frac{5}{2}$ from it. She multiplies the result by 8. The final result is 3 times her original number. Find the number

Q9. A number is 12 more than the other. Find the numbers if their sum is 48.

Q10. The sum of three consecutive odd numbers is 51. Find the numbers.

THE S.D VIDYA SCHOOL, NOIDA
HOLIDAY HOME WORK WORKSHEET –(1)
FRICTION
CLASS -8
SUBJECT- SCIENCE

1. What is the force of friction?
2. What is the cause of friction?
3. Why are wheels of vehicles made circular?
4. Why does a matchstick catch fire when rubbed on the rough surface of the box?
5. Why is fine powder sprinkled on the carrom board?
6. Give some examples having streamlined body.
7. How can fluid friction be minimised?
8. When does static friction come into play?
9. Give some examples to show that friction produces heat.
10. What are the two factors on which the force of friction depends?
11. Why is it easier to move the box already in motion than to get it started?
12. Why are the soles of shoes and tyres of vehicles grooved?
13. We use ball bearings between the hub and axle of ceiling fan and bicycles. Why?
14. Which factors affect fluid friction?
15. In some cases, we deliberately increase friction. Explain why?

WORKSHEET -(2)
MICROORGANISMS -FRIEND AND FOE
CLASS -8 SUBJECT- SCIENCE

1. Write the name of a bacterium that helps in the formation of curd.
2. Write a use of yeast.
3. What are pathogens? Write another name of pathogens.
4. Define food preservation.
5. Write the names of any two antibiotics.
6. What is vaccine?
7. What is the difference between refrigeration and freezing?
8. What is decomposition?
9. Name the two microbes that are involved in the process of decomposition.
10. Classify bacteria on the basis of their shapes.
11. Define communicable diseases. Give some examples.
12. Differentiate between viruses and other microorganisms.
13. What do you mean by food spoilage?
14. What role does sugar play in the preservation of food?
15. How are carriers harmful to us?

सत्र (2022-23)

कक्षा - आठवीं

विषय - हिंदी (वसंत)

विषय-हिंदी

कार्य पत्रिका -1

- कवि पुष्प-पुष्प से क्या स्वीच लेना चाहता है ?
- ध्वनि कविता में कलियाँ किसका प्रतीक हैं ?
- कवि पुष्पों को सहर्ष किससे सींचना चाहता है ?
- कवि खिले हुए फूलों को खान का द्वार दिखाना चाहता है ?
- 'वन में मृदुल वसंत' पंक्ति से आशय क्या है ?
- बदलू कौन था और उसकी क्या विशेषता थी ?
- चूड़ियाँ बनाने के लिए बदलू किसका प्रयोग करता था और कैसे बनाता था स्पष्ट कीजिए ।
- पैतृक शब्द का अर्थ बताइए और इस शब्द में प्रयुक्त प्रत्यय कौन-सा है लिखिए ?

व्याकरण

- विश्व में प्रचलित दस प्रमुख लिपियों का संकलन करते हुए एक ही वाक्य को अलग-अलग लिपि में लिखकर भिन्नि चित्र पर प्रदर्शित करें
- संस्कृत, हिंदी और अपनी प्रादेशित अथवा मातृभाषा के साहित्यकारों (लेखक-कवियों) और उनकी प्रमुख रचनाओं की सूची बनाएँ ।

कार्य पत्रिका - 2

प्रश्न 1 अति लघु प्रश्न-उत्तर

(क) बदलू का स्वभाव कैसा था ?

(ख) बदलू चूड़ियाँ बनाने का कार्य कहाँ करता था ?

(ग) शादी विवाह के समय बदलू क्या ज़िद पकड़ लेता था ?

(घ) इस कहानी से आपको क्या प्रेरणा मिली ?

(ङ) कहानी के आधार पर आपको इस पाठ का शीर्षक रखना होता तो क्या रखते ?

प्रश्न 2 कहानी में आए कुछ मुहावरे – (इन मुहावरों से वाक्य बनाए)

1. मन मोह लेना (अर्थ - आकर्षित करना)
2. अंदर ही अंदर कूढ़ना (अर्थ - मन ही मन दुखी होना)
3. शरीर ढल जाना (अर्थ - कमज़ोर हो जाना)
4. हाथ काट देना (अर्थ - रोजगार छीन लेना)
5. भाँप लेना (अर्थ - अनुमान लगा लेना)

प्रश्न 3 'मशीनी युग' ने कितने हाथ काट दिए हैं।' इस पंक्ति का आशय स्पष्ट करिए -

प्रश्न 4 'हस्तशिल्प' में कौन-कौन सी कलाएँ आती हैं ? जानकारी एकत्रित करके लिखिए -

THE S.D VIDYA SCHOOL, NOIDA
CH-2: UNDERSTANDING SECULARISM
WORKSHEET
CLASS-VIII

Fill in the blanks:

1. The most important aspect of secularism is its separation of _____ from _____.
2. The tyranny of _____ could result in the discrimination, coercion and persecution of religious minorities.
3. The objectives of Indian secularism are:
 - a. One religious community does not _____ another.
 - b. Some members do not dominate other members of the _____ community.
 - c. The state does not _____ any particular religion nor take away the religious _____ of individuals.
4. The policies of Indian state to secure the above objective are:
 - a. The strategy of _____ itself from religion.
 - b. The strategy of non - _____.
 - c. The strategy of _____.
5. In U.S.A most children in government schools have to begin their school day reciting _____.
6. In February 2004, _____ passed a law banning students from wearing any visible religious or political signs or symbols.
7. The knowledge that certain rights exist makes us _____ to their violations and enables us to take _____ when these violations take place.

Tick the correct answer:

8. Laws relating to- equal inheritance right, abolishing of untouchability and sati practice are examples where state had adopted the policy of-
 - a. Intervention
 - b. Non-interference
9. The special feature of Indian secularism compared to secularism of U.S.A is the strategy of
 - a. Intervention
 - b. Non-interference
10. The _____ state is not strictly separate from religion but it does maintain a principled distance vis-à-vis religion.
 - a. Indian
 - b. U.S.A

CLASS VIII – HISTORY
WORKSHEET CHAPTER 2
(FROM TRADE TO TERRITORY)

I. Multiple choice questions.

1. Who was the last powerful Mughal ruler? []
(a) Akbar (b) Aurangzeb (c) Shahjahan
2. A massive rebellion against British rule broke out in ____ []
(a) 1757 (b) 1857 (c) 1800
3. The first English factory was setup on the banks of the river Hugli in ____ []
(a) 1651 (b) 1700 (c) 1600
4. What is meant by Paramountcy? ____ []
(a) Supreme power (b) Ultimate power (c) No power
5. After the death of Alivardi Khan who became the nawab of Bengal? ____ []
(a) Murshid Quli Khan (b) Mir Jafar (c) Sirajuddaulah
6. The Portuguese had established their presence in the Western Coast of India and had their base in _____ []
(a) Bombay (b) Gujarat (c) Goa
7. Which battle is famous because it was the first major victory the company won in India? _____ []
(a) The Battle of Plassey (b) The Battle of Buxar (c) The Battle of Seringapatam
8. One of the main reasons for the defeat of the Nawab Sirajuddaulah in The Battle of Plassey is _____ []

[]
]_____
(a) Mir Jafar, one of Sirajuddaulah’s commanders, never fought the battle.
(b) Nawab Sirajuddaulah was not having enough wealth.
(c) Nawab Sirajuddaulah was a weak ruler
9. Who was called as “Tiger of Mysore?” []
(a) Hyder Ali (b) Mir Jafar (c) Tipu Sultan

10. Tipu Sultan established a close relationship with the____in India and modernized his army withtheir help

- (a) British (b) French (c) Dutch

[]

II. Fill in the blanks

1. In 1765 the Mughal Emperor appointed the Company as the Diwan of the provinces of _____.

2. Aurangzeb died in the year_____.

3. The Battle of _____was fought in 1757.

4. The_____war resulting in the British gaining Orissa, Agra and Delhi.

5. The first English ships sailed down the west coast of_____, round the Cape of GoodHope and crossed the Indian Ocean.

6. Tipu Sultan died defending his capital_____on 4 May 1799

7. In the late 1830, the East India Company became worried about

_____ that might expandacross Asia and enter India from the North-West.

8. _____, Udaipur, Nagpur and Jhansi Kingdoms were annexed byBritish simply by applying the Doctrine of lapse.

9. The people of Awadh joined the great revolt that broke out in_____.

10. _____and Bombay were three presidencies; each was ruled by aGovernor.

III. True or False

1. Vasco da Gama, an English explorer who had discovered sea route to India in 1498.

()

2. The fine qualities of cotton and silk produced in India had a big market in Europe. ()
3. The Battle of Buxar was fought in 1764. ()
4. Mysore controlled the profitable trade of the Malabar Coast where the
Company purchased cotton and silk. ()
5. In 1785 Tipu Sultan stopped the export of Sandal wood, pepper and cardamom. ()
6. Third battle of Panipat was fought between British and Marathas. ()
7. The third Anglo-Maratha war of 1817-19 crushed Maratha power. ()
8. British Administrative units called as Presidencies. ()
9. Governor-General Warren Hasting devised a policy that came to be known as
the "Doctrine of Lapse".()
10. The Supreme head of the Administration was the Governor-General. ()