



ARMY PUBLIC SCHOOL JAMMU CANTT

HOLIDAYS HOMEWORK FOR CLASS VIII

Dear Students,

Summer Vacation is a great time to inculcate innovativeness, creativity and interest. So, we bring you a series of enjoyable activities which will surely enhance your personality and learning process in your leisure time.

ENGLISH

1. Prepare LEARNER'S DIARY on the lessons-
 - (i) The best Christmas present in the world
 - (ii) The tsunami
 - (iii) The ant and the cricket
 - (iv) How the camel got his hump
2. Write down the answers of the questions of the reading comprehension passages in the grammar book (Page No. 174 to 180).
3. Given below is a list of books. Read any two of them and write a book review. (Ideally, you must choose one from each genre).

Fiction

- i. The Hunger Games- Suzanne Collins
- ii. Percy Jackson series or Kane Chronicles (The Red Pyramid)- Rick Riordan
- iii. The Harry Potter series – JK Rowling
- iv. The Room on the Roof – Ruskin Bond

Autobiography

- i. The Test of My Life – Yuvraj Singh
 - ii. Open – Andrew Agassi
 - iii. Captain Cool: M S Dhoni
4. Practice your grammar skills throughout the holidays. Use some or all of the following websites:
<http://www.bbc.co.uk/bitesize/ks2/english/>
<http://www.bbc.co.uk/bitesize/ks2/english/>
http://www.englisch-hilfen.de/en/exercises_list/alle_grammar.htm
 5. Complete the worksheets based on Transformation of Sentences. Grammar book Page No. 11 to 20.
 6. Students are directed to read newspaper and magazine regularly and pen down two headlines in the headlines notebook as we regularly do.
 7. Share your holidays with us, and write a diary entry of at least 5 days of your holidays. You can supplement it with photographs and souvenirs from your trip. E.g: If you visit the beach you can stick shells into your journal or If you went to a mountain you can stick a fern or a flower to support your work, even a ticket stub would be nice. If you did not go anywhere share that experience also.
 8. Make a comic strip of the chapter: Glimpses of the past

ART INTEGRATED PROJECT

Make a collage of the famous places of Gujarat and Jammu and Kashmir.

HINDI

रचनात्मक कार्यकलाप

1. पाठ 'बस की यात्रा' में लेखक और बस कंपनी के हिस्सेदार के मध्य हुई बातचीत को संवाद शैली में लिखें ।
2. प्रकृति पर आधारित किसी एक कवि की एक कविता लिखें ।
3. प्रतिदिन हिन्दी का समाचार पत्र पढ़ें और उसमें से कोई पाँच सूचनाएँ काटकर अपनी कार्य-पुस्तिका पर चिपकाएँ ।
4. पाठ 'लाख की चूड़ियाँ' में से पाँच बहुविकल्पी प्रश्न उत्तरसाहित लिखें।
5. गर्मियों की छुट्टियों में आप किसी धार्मिक स्थल पर घूमने गए थे, उस धार्मिक स्थल का वर्णन करते हुए अपने मित्र को एक पत्र लिखिए ।

नोट -ऊपर दिए गए कार्य को फाइल में करें।

कला समेकित गतिविधि

6. कबीरदास जी के दस नीतिपरक दोहे सुन्दर हस्तलेख में चार्ट पर लिखें।
7. घर पर रखे सामान को इस्तेमाल करते हुए एक सुंदर और आकर्षक हिन्दी शब्दकोश तैयार करें।
8. संधि तथा उसके भेदों का प्रवाह चार्ट अपनी कार्य-पुस्तिका में उदाहरण सहित बनाएँ।

व्याकरण

9. अपनी व्याकरण गुलमोहर के शब्द भंडार (विलोम शब्द ,पर्यायवाची शब्द, वाक्यांशों के लिए एक शब्द) 1 से 20 तक अपनी कार्य-पुस्तिका में लिखें और याद करें ।

पूरक पुस्तक

10. अपनी पाठ्य-पुस्तक भारत की खोज को पढ़ें तथा प्रथम दस अध्यायों में से 50 कठिन शब्द लिखें ।

पुनरावृत्ति

11. इकाई परीक्षा 01 पाठ्यक्रम की पुनरावृत्ति करें ।

MATHS

- Which of the following is not true?
 - rational numbers are closed under addition.
 - rational numbers are closed under subtraction.
 - rational numbers are closed under multiplication.
 - rational numbers are closed under division.
- For which of the following, diagonals bisect each other?
 - Square
 - Kite
 - Trapezium
 - Quadrilateral
- _____ is called the additive identity.
- _____ is called the multiplicative identity.
- _____ is the additive inverse of $\frac{1}{2}$.
- _____ is the multiplicative inverse of $\frac{1}{2}$.
- Using suitable rearrangement and find the sum:
 $(\frac{4}{7}) + (-\frac{4}{9}) + (\frac{3}{7}) + (-\frac{13}{9})$
- Verify the property $x + y = y + x$ of rational numbers by taking
 $x = -\frac{2}{3}$, $y = -\frac{5}{6}$.
- Arpita's present age is thrice of Shilpa. If Shilpa's age three years ago was x , then Arpita's present age is _____.
- The sum of three consecutive multiples of 7 is 357. Find the smallest multiple.
- Find x , if $10x - 5 - 7x = 5x + 15 - 8$.
- Find t , if $4t - 3 - (3t+1) = 5t - 4$
- If two adjacent angles of a parallelogram are in the ratio 4 : 5, then find the measure of each of the angles of this parallelogram.
- The adjacent angles of a parallelogram are $(2x - 4)^\circ$ and $(3x - 1)^\circ$. Find the measures of all angles of the parallelogram.
- A playground in the town is in the form of a kite. The perimeter is 106 m. If one of its sides is 23 m, what are the lengths of other three sides?
- Quadrilateral EFGH is a rectangle in which J is the point of intersection of the diagonals. Find the value of x , if $JF = 8x + 4$ and $EG = 24x - 8$.
- Two opposite angles of a quadrilateral are each of measure 75° and the remaining two angles are equal to each other. What is the measure of remaining two angles? Name the possible figure so formed.
- Find the measure of each angle of a regular octagon.
- How many sides does a regular polygon with the measure of each of its exterior angle is 165° .
- If present ages of Ramanujan and Hardy are in the ratio 3:4. Five years from now the ratio of their ages will be 7:9. Find their present ages.

ART INTEGRATED ACTIVITY:

- By paper folding show the types of rational number on an A4 size sheet.
- Spinning wheel for properties of rational numbers.
- Solving linear equation using cutting and pasting coloured sheet.
- Make flash cards for different types of polygons.
- Clay modeling for types of quadrilaterals using straws.

f) Working model for bar graph on cardboard using pins and rubber bands.

ART INTEGRATED PROJECT (JAMMU AND KASHMIR-GUJARAT) :

Represent the population of Jammu and Kashmir and Gujarat for the years 2001, 2011 and 2021 on bar graph.

SCIENCE

General Instructions:

- I. Internal assessment marks will be based on the summer assignment.
- II. Submit your assignment on the day school reopens.
- III. Write questions and answers in your science notebook.
- IV. Subject enrichment, portfolio and art integration to be done in separate file.

Subject Enrichment Activity

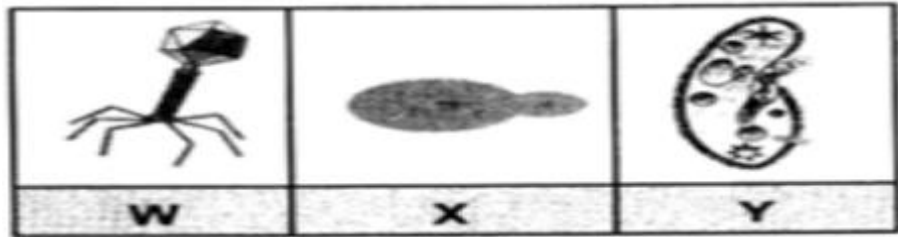
A. To know about the different methods of preservation.

- a. Collect the wrappers of frozen and canned food items and milk.
- b. Find about the preservatives present in these food items.
- c. List the various preservatives and methods of their preservation.

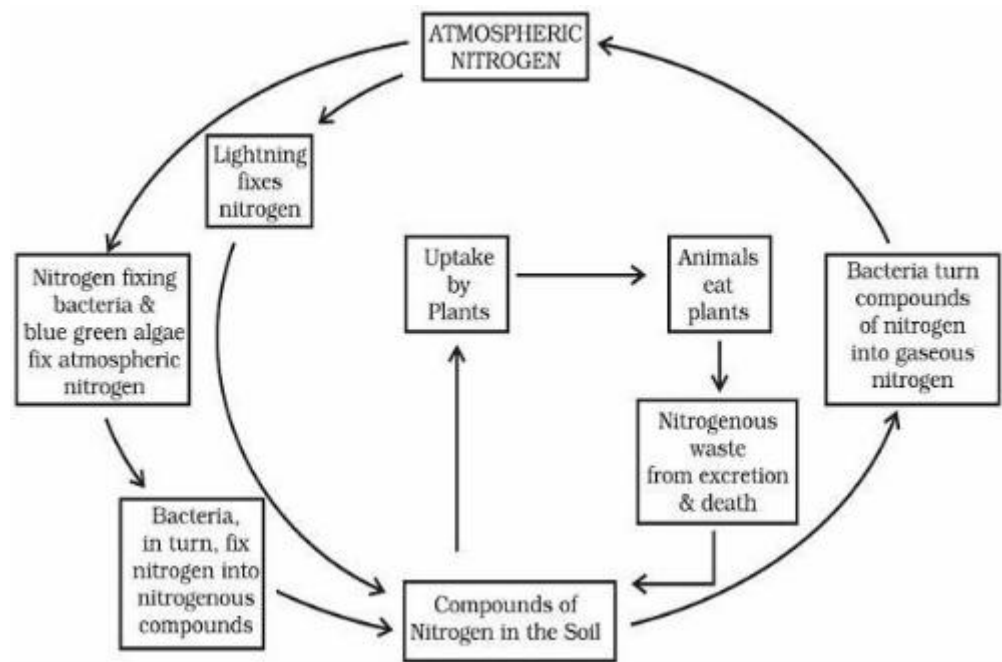
B. Paste the wrappers of antibiotic in your notebook and write their names.
(At least two)

Art integration activity:

1. Draw well labelled diagrams of microorganisms and write short notes on them.
2. Draw a mind map to show the steps involved in crop production or useful microorganisms.
3. Mark the places in the India map where coal, petroleum and natural gas are found.
4. Name the following: -
 - a. Providing water to crops
 - b. Keeping crop grains for a long time under proper conditions
 - c. Certain plants of the same kind grown on a large scale
 - d. A machine used for cutting the matured crop
 - e. A Rabi crop that is also one of the pulses
 - f. A process of separating chaff from the grains
 - g. A way of collecting rainwater & later using it for domestic or other purposes .
5. Study the diagram and complete the table given below.



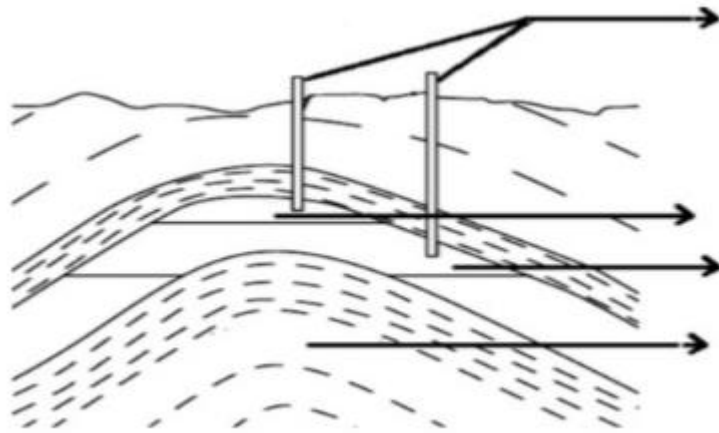
Sr no.	Name of microorganism	MicrobialGroup
W		
X		
Y		



6. Study the above nitrogen cycle and answer the following questions:

- What is nitrogen fixation?
- What is denitrification?
- Name the bacteria which fixes atmospheric nitrogen.

7. Observe the figure showing the mining of petroleum and natural gas and label the various substances mined during the process.



8. List the various constituents of petroleum and their uses.
9. Natural gas is very important fuel. Substantiate.
10. **ART INTEGRATION** -Compare Jammu and Kashmir on the basis of
 - a) Flora and Fauna
 - b) Climate

S.SC

1. Why dates are important in history? Make a list of some important dates of 19th century.
2. Why history was divided in to three periods? Explain.
3. With the help of newspapers, coloured sheets make a temple or mosque and write an article on the beautiful temples or mosque of India. How do Indian constitutions protect every religion?
4. How are primary sources of history different from secondary sources? In scrap book paste some important pictures of Primary and secondary sources.
5. Name five explorers of 18 century and paste their pictures in scrap book.
6. Prepare a model on resources, wind Power and Tidal power. (Any one)
7. How constitution came into being? What use does a constitution serve us? Draw a preamble on A4 size sheet.
8. Make a list of 20 items of daily use at home and try to find out where these resources are obtained. (Write the name of item, source & biotic/biotic). Why is conservation of resources an important need?
9. How many Fundamental rights are in our constitution? Explain them.
10. Write down ten Fundamental duties towards your country.
11. Why renaissance is marked the beginning of modern period in Europe? Paste some pictures of the renaissance period.
12. Draw a diagram of Natural resources, Human made resource & Human resource.
13. **Map work:**
On the Map of World locate:
Way followed by Vasco Da Gama to reach India

The routes used by Europeans to reach India in 18th century.

On the Map of India locate:

Mysore, Bengal, Bihar, Awadh, Jhansi

Mark the areas in India acquired by Britishers through Doctrine of Lapse
Expansion of British territorial power in India (1797,1840 and 1857)

14. Art integrated activity:

Do your project work with proper Diagram, picture and figure (On scrap book)
Life and achievements of Dr. B.R. Ambedkar in making of Indian
Constitution (with picture/figure/Diagram)

Make a usable resource or thing with the help of old newspaper or old Clothes
etc.

15. Activity

Draw a poster on 'World Environment Day' and write a catchy slogan.

Write a short note on G 20 Summit 2023 'on earth, one family and one
future'.

Appeal to your friends and family to plant a tree and click a picture.

16. Read and learn **Hist.** Ch. 1& Ch. 2 **Geog.** Ch. 1 **Civics** Ch. 1 & Ch. 2

**NOTE : This work has to be done on a new notebook. Maps must
be pasted on notebook, use pencil for map work & diagram.**

SANSKRIT

लेखनाभ्यासः (संस्कृत उत्तरपुस्तिका उपरी)

- सुभाषितानि पाठस्य अर्थसहितं स्मरणं कुर्वन्तु लिखन्तु च।
- संस्कृत हिन्दी अनुवादः दश वाक्यानि लिखन्तु

(सृजनात्मक कार्यम्)

- सुभाषितानं हिन्दी अर्थ साकं PPT निर्माणम्
- स्वच्छभारतस्य कृते वयं किं किं कर्तुं शक्नुमः चित्रनिर्माणं कृत्वा दर्शयन्तु।

(स्मरणं एवं लेखन कार्यम्)

- संस्कृत संख्या १तः १०० पर्यन्तं लिखन्तु स्मरणं कुर्वन्तु च।
- पठितपाठानां सम्यक्तया पुनरावृत्तिः कुर्वन्तु ।

<p>COMPUTER</p>	<p>Project work</p> <ol style="list-style-type: none"> 1. Make a model of Network topologies (star, ring, bus). <p>Practical work</p> <ol style="list-style-type: none"> 2. Make a ppt on “Types of network” (LAN, MAN, WAN,PAN) using Microsoft PowerPoint. (Paste printout of the slides on your computer notebook) <p>Syllabus</p> <p>Chapter 1: Computer network Chapter 2: Access creating a database</p> <p>Note: Revise chapter 1 and chapter 2</p>
<p>ART/CRAFT</p>	<ol style="list-style-type: none"> 1. Page numb. 27 to 34 of your Craft book to be done in your Drawing pads. 2. Make any useful best out of waste project. 3. Note: For those students who don't have Craft books, art/craft teacher will send the pics of your craft book pages in your class groups, students can copy from there.

STAY SAFE, STAY HEALTHY

Have wonderful vacations and time