



GURU NANAK PUBLIC SCHOOL RAJOURI. GARDEN

SUMMER HOLIDAYS HOMEWORK

Session-2026-27

Class: VIII

ENGLISH

1 Travelogue Scrapbook- If visiting a new place create a travel journal include “Top 5 Must-see sights” a brief description of the local food, and a paragraph on “What I learned about this place.”

2 Create a one page “Green Gazette”. Include a short articles on “How I saved water this summer “and a comic strip featuring an original environmental superhero.

3 Create a colourful decorative wall hanging or chart explaining a grammar concept like “Types

of sentences “ or “Degree of Adjectives “ using examples from everyday life.

4 the task: over the break, students must find five different types of articles: a Hard News story, an editorial/opinion piece, a sport report, a feature story (human interest) and a letter to the editor

The creative twist: for each article, they must write a summary and critique. They should identify the 5 W's (who, where, when, why) and then write a 50 word paragraph on an A3 chart paper in columns explaining whether they agree with the tone of the article or how it could have been more engaging

5. Do the determiners exercise in your grammar book (pgs 6-12)

हिन्दी

नोट:- प्रश्न 1 ,2 ,3 ,4 ,5को प्रोजेक्ट फाइल में (A4साइज शीट) में करें।

1.मल्हार पेज 28 'झरोखे से' शीर्षक के अंतर्गत दिए गए लेख

को पढ़ें तथा उनसे कोई छह प्रश्न बनाकर उनके उत्तर लिखें।

2. मल्हार पृष्ठ 26 'चिड़ियों का घोंसला' शीर्षक के अंतर्गत दी गई गतिविधि को पूरा करें।

3. मल्हार पृष्ठ 29 पर दी गई कहानी 'मित्रलाभ' पढ़ें तथा इस कहानी से क्या शिक्षा मिलती है उसे लिखिए।

4. कला, विज्ञान, राजनीति, खेलकूद, मनोरंजन आदि किसी एक क्षेत्र में प्रसिद्धि पाने वाले व्यक्ति ने अपने सपने को किस प्रकार पूरा किया, क्या-क्या संघर्ष किया क्या योजना बनाई। उसे एक कहानी के तौर पर लिखिए।

5. हरिद्वार तथा ऋषिकेश के विशेष आकर्षणों तथा दर्शनीय स्थलों की जानकारी चित्रों सहित एकत्र करें और उसे A4 साइज शीट में लिखें।

6. 'कबीर के दोहे' याद कीजिए।

7. दिए गए विषयों पर अनुच्छेद अपनी कार्यपुस्तिका में करें:-
स्वदेश प्रेम, योग और स्वास्थ्य, वृक्षों के लाभ।

PUNJABI

੧. ਹਰ ਰੋਜ਼ ਪੰਜਾਬੀ ਅਖਬਾਰ ਦੀਆਂ ਪੰਜ ਖਬਰਾਂ ਨੂੰ ਪੜ੍ਹੋ ਅਤੇ ਕਿਸੇ ਦੇ ਬਾਰੇ ਕਾਪੀ ਵਿੱਚ ਨੋਟ ਕਰੋ।

੨. ਹੇਠ ਲਿਖੇ ਵਿਸ਼ਿਆਂ ਤੇ ਲੇਖ ਲਿਖੋ: *ਮਹਿੰਗਾਈ *ਪ੍ਰਦੂਸ਼ਣ

*ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ

੩.ਆਪਣੇ ਛੋਟੇ ਭਰਾ ਨੂੰ ਪੜ੍ਹਾਈ ਦੀ ਮਹੱਤਤਾ ਬਾਰੇ ਦੱਸਦੇ ਹੋਏ ਪੱਤਰ ਲਿਖੋ।

੪. ਕੀਤੇ ਗਏ ਪਾਠਾਂ ਦੀ ਦੁਹਰਾਈ ਕਰੋ ਅਤੇ ਯਾਦ ਕਰੋ।

੫.ਹਫ਼ਤੇ ਵਿੱਚ ਦੋ ਵਾਰ ਬੋਲ ਲਿਖਤ ਕਰੋ ਅਤੇ ਸੁਧਾਰ ਕੰਮ ਕਰੋ।

Maths

Get ready to merge Math and Art! Gather materials: paper, coloring tools, cardboard and scissors. Pay attention to

detail, create intricate designs, define shapes, and cut accurately. Follow guidelines, use required shapes, and stick to size requirements.

Explore math concepts like quadrilaterals, tessellations, and geometric patterns. Prioritize safety,

especially with sharp objects. Have fun exploring art and math!

Note: Do all the three tasks according to your roll

numbers.

Roll no. 1 to 10

(Quadrilateral Canvas)

QUADRILATERAL CANVAS:

Task 1: Create an abstract art piece using different types of quadrilaterals (parallelograms, rectangles, rhombuses, squares, etc.).

Instructions: Use an A3 size sheet of paper and color pencils, markers or paints. Include at least one of each type of

[https://www.google.com/search?](https://www.google.com/search?q=pattern+block+drawings&oq=pattern+block+draw&gs_)

[q=pattern+block+drawings&oq=pattern+block+draw&gs_](https://www.google.com/search?q=pattern+block+drawings&oq=pattern+block+draw&gs_)

Roll no. 11 to 20

MODEL MAKING

Make a working model which verifies the angle sum property of a quadrilateral .

Video for reference:

[https://youtu.be/MzGNcVBveLE?
si=2HpgOQt9SjkXTSxg](https://youtu.be/MzGNcVBveLE?si=2HpgOQt9SjkXTSxg)

Roll no. 21 to 31

Geometric Pattern Postcard: Create a "Pattern Postcard" (A4 size) by identifying 3 patterns in nature (e.g., leaves, flowers) and 3 in daily life (e.g., tiles, fabrics). Explain the geometric shape or numerical sequence behind each pattern.

All the students have to make a chart paper from the following topics. Choose any one topic.

1. Geometry & Algebra Tasks

- Use colored paper to create different types of polygons and list their properties.
- Represent rational numbers [e.g., $(-5/3)$ $(7/2)$] on a number line using A4 sheets.
- Create 5 stacked square patterns and 5

stacked triangle patterns.

2. Mensuration Formulas: A colorful chart illustrating the surface area and volume formulas for 3D shapes like cubes, cuboids, and cylinders.
3. Visualising Solid Shapes: A chart showing the 3D figures and their 2D nets (e.g., a net of a cube, prism, or pyramid).

Revise all the topics covered till now. Assignment will also be provided to you for practice.



GURU NANAK PUBLIC SCHOOL
RAJOURI GARDEN
MATHEMATICS ASSIGNMENT
SESSION 2026-27
CLASS VIII

- Q1) Express the following in exponential form
- $a \times a \times a \times b \times b$
 - $6 \times 6 \times 8 \times 8 \times 8$
- Q2) Write the numerical value of each of the following.
- $(-3)^2 \times (-5)^2$
 - 3×4^4
- Q3) Is 2^{10} also equal to $(2^5)^2$? Write it as product.
- Q4) Write the following expressions as a power of a power in atleast two different ways.
- 4^6
 - 9^4
- Q5) Simplify $\frac{10^4}{5^4}$ and write it in exponential form.
- Q6) Solve $2^{100} \div 2^{25}$ in powers of 2?
- Q7) Find the value of
- 2^{-4}
 - $(-7)^{-2}$
- Q8) There are 5 bottles in a container. Every day, a new container is brought in. How many bottles would be there after 40 days.
- Q9) Circle the numbers that are same —
- $2^4 \times 3^6$ $6^4 \times 3^2$ 6^{10} $18^2 \times 6^2$
- Q10) Identify the greater number in each of the following.
- 4^3 or 3^4
 - 100^2 or 2^{100}

SOCIAL SCIENCE

1 Make a colourful travel brochure on any Indian state such as

Rajasthan, Kerala, Punjab

Include famous place, food, culture, dress & festivals .

2 Create a mini pocket booklet on:

Fundamental rights, fundamental duties,
important symbols of India.

Decorate it creatively

3 Design a village

Rainwater harvesting, solar panels, clean roads
& waste management.

4 Draw India map & paste/ draw famous foods
of different states.

Dhokla - Gujarat

Biryani- Hyderabad

Makki ki roti -Punjab

Science

Q1) Define patent. List the scientific inventions
of Indian scientists and patents held by them.

Q2) Describe different types of cells in the
human body with diagrams.

Q3) Make a portfolio on "Health: Ultimate

Treasure".

Q4) Draw a poster on "How antibiotic resistance spreads in the community" (Roll No. 1 to 16).

Q5) Draw a poster on "How bacteria become resistant to Antibiotics" (Roll No. 17 to 38).

Q6) Read about Indian scientists Sunita Solomon, Asima Chatterjee, Dr. Yellapragada Subbarao, and Mary Poonen Lukose for their contribution in the field of health and disease. Make a project on it.

Q7) Learn Lesson -1, 2, 3 and do the worksheet on A4 size sheets and submit in button folder

Q8) Make a model on any topic from the book.

Happy Holidays. Stay healthy.

Class 8 Science Worksheet

Chapters: Exploring the Investigative World of Science, The Invisible Living World, Health – The Ultimate Treasure

1. The process of finding answers through observation and experiments is called _____.

2. A carefully planned test to check a hypothesis is called an _____.

3. A possible explanation for an observation is called a _____.

4. The skill of carefully noticing details is called _____.

5. A person who studies science is called a _____.

6. The instrument used to see tiny organisms is called _____.

7. Living things too small to be seen with naked eyes are called _____.

8. Bacteria, fungi, and protozoa are examples of _____.

9. The green pigment in algae is called _____.

10. The process by which bacteria multiply

rapidly is called _____.

11. Bread rises due to the action of _____.

12. The disease-causing microorganisms are called _____.

13. The branch of science dealing with microorganisms is called _____.

14. The protective injection given to prevent diseases is called a _____.

15. Malaria is spread by a _____.

16. The deficiency disease caused by lack of Vitamin C is _____.

17. The nutrient mainly responsible for body building is _____.

18. The nutrient that gives instant energy is _____.

19. Lack of iron causes _____.

20. Eating a balanced diet helps maintain good _____.

21. The practice of keeping surroundings clean is called _____.

22. The disease caused by contaminated water is _____.
23. Yoga helps improve mental and physical _____.
24. The process of washing and keeping body clean is called _____.
25. The tiny air sacs in lungs are called _____.
26. The disease caused by lack of Vitamin D is _____.
27. The first step in scientific method is _____.
28. The instrument used by doctors to hear heartbeat is _____.
29. The harmful habit of smoking affects the _____.
30. Regular physical activity is called _____.

Subject: COMPUTER

- **Make a beautiful collage on A3 sheet from given topics (select any one):**“Deep fake” / “Network Devices” / “AI (Artificial Intelligence) applications in daily life” / “Internet Addiction” / “Wired vs Wireless Technology”

·Make a Computer Project on A4 sheets.

Topic: **ARTIFICIAL INTELLIGENCE**

The project must contain the following points:

- a) Introduction to Artificial Intelligence
- b) Types of Artificial Intelligence.
- c) Purpose of Artificial Intelligence.
- d) The uses of Artificial Intelligence
- e) Advantage and disadvantage of Artificial Intelligence
- f) Applications of Artificial Intelligence

(Note : Make your project on A4 sheet papers. It can be handwritten or printed.Include information, add pictures to make it

attractive. On the first page include topic name, your name, class and section. Design a proper cover page. Use at least 10 pages to complete the project.)

