



G. N. I. PUBLIC SCHOOL

(Senior Secondary)

Gujarkhan Campus, Model Town, Ludhiana

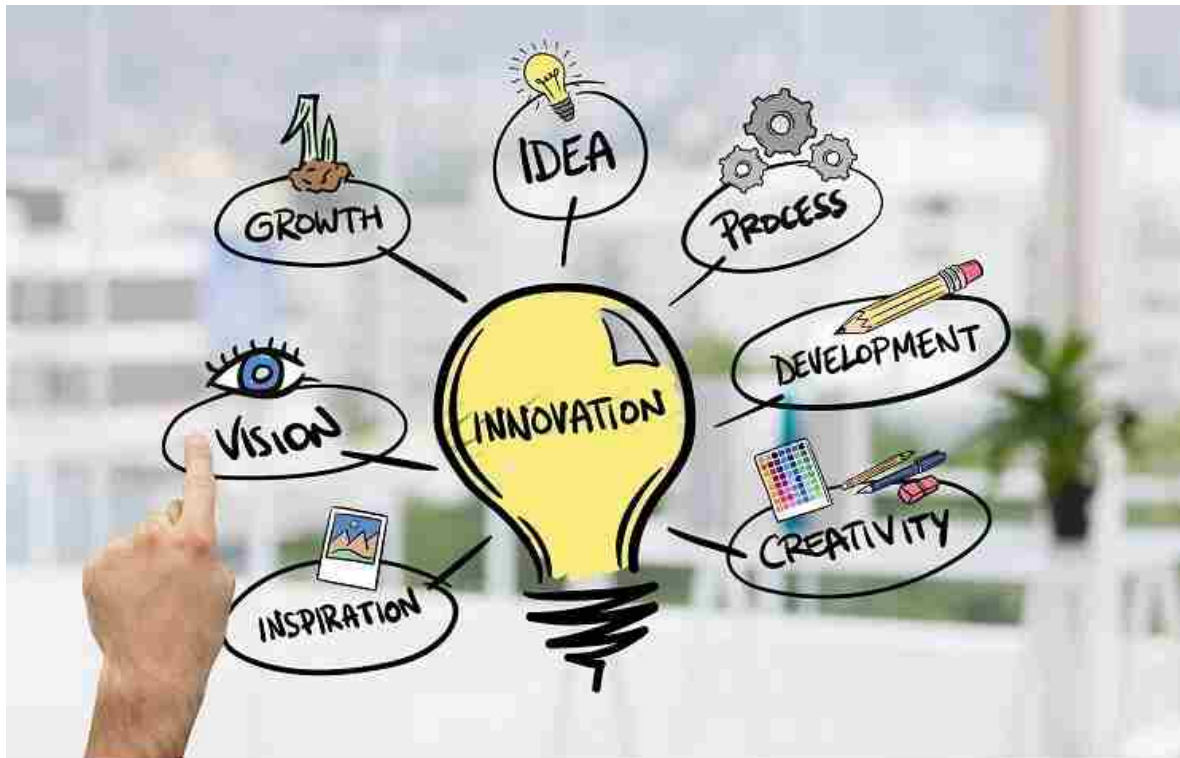
E-mail: gnips1981@yahoo.com

Website: www.gnips.org

Holidays Homework

Class - IX

Session 2025-2026



Signature
Vice Principal

Signature
Principal

Enjoy Your Holidays



ENGLISH

Note:

Question 1 to be done from new edition of BBC English communicative 9 on loose sheets and keep them in a folder. Questions 2 and 3 are to be done in a scrapbook, Questions 4,6 and 7 on A3 sized sheets and Question 5 on the chart.

1. Do pages 88,89, 117, 118, 130, 131,147, 148, 266 and 267 from BBC.
2. Make pictorial representation on the life of the poet, Robert Frost describing the life events, awards and his literary works in 3 to 4 pages.
3. Create your own diary and write about ten positive changes you would like to bring in yourself.
4. You visited your grandmother in the holidays. On discussion with her, you came to know that the education in her time was altogether different from that of yours. Prepare a collage on the schools of the past and the present.
5. Sketch 'The Brooks' journey from its origin to its culmination using your own ideas.
6. In a world of being self-centered, we must show our kindness to other supreme creations of God. Prepare a PPT showing your contribution in making Earth a better place for animals so that they can live freely without any human fear. (5-6 slides and printouts to be kept in a folder).
7. Design a creative mind map showing the theme of hope using symbols and quotes from the lesson "A dog Named Duke".
8. Make a creative project depicting monuments, heritage and tourist attractions of Punjab and Odisha.

MATHEMATICS

1. Arrange the cutouts of Algebraic Identities on A4 size sheet.
2. Plot the points A(8, 0) B(- 6, 4) C(6,4) D(- 6, - 4) E(6, - 4) F(- 8, 0) on the Cartesian Plane and decorate the area enclosed by these points using Mandala Art.
3. Make a PPT on the Mathematicians of Punjab and Odisha.
4. Represent $\sqrt{2}$ on the number line (using spiral).
5. Represent $\sqrt{9.3}$ on the number line using beads only.
6. Solve the assignments given in the class.



SCIENCE

*** Complete your practical notebook. Instructions will be shared in the class group.**

1. Use A-4 size sheets and cutouts of graph paper for the following
 - i) Draw distance-time graph for the following:
 - a) A car moving with uniform speed
 - b) A car moving with non-uniform speed.
 - c) A car parked on a road-side.
 - ii) Draw Velocity-time graph for the following:
 - a) A car moving with uniform acceleration (b)) A car showing non-uniform acceleration where velocity is decreasing with time. (c) A car showing non-uniform variation of velocity with time.
2. **Draw a velocity-time graph** for an object which
 - (i) accelerates uniformly from rest.
 - (ii) then moves with uniform velocity.
 - (iii) finally retards uniformly.
3. **Prepare a PPT** depicting Practical applications of Newton's Laws of motion.

Note: Submit hard copy and save a soft copy for future reference.

4. Draw all diagrams of 'Ch-Fundamental unit of life' on A-4 size sheet and label them well.
5. Prepare, a LAPBOOK on topic Crop Production Management.
6. Make 3D model of Plant cell and Animal cell.
7. Design an informative posters on Sustainable agriculture, organic farming or the importance of food security.
8. Prepare an Art integrated project on topic: CROP VARIETY OF PUNJAB AND ODISHA.
9. Draw the following on A-4 size sheet: (Note: Use separate sheet for each activity)
 - i. Sketch the 'States of matter triangle' to show the interconversion of states of matter.
 - ii. Draw a labelled diagram of the experimental set-up to demonstrate the sublimation of ammonium chloride
 - iii. Make a **Booklet** describing the following:
 - The phenomenon of evaporation.
 - Factors affecting the rate of evaporation.
 - Pictorial description of practical applications of evaporation.
10. **Prepare a BROCHURE** depicting 'States of Matter'.



SOCIAL SCIENCE

1. Choose any one river of India, make a report.

Hints-

- Make maps on the source, catchment area, the tributaries and state benefited. Also collect data on the frequency of flooding and dams or reservoirs built on them
2. Democracy talks about political equality. Is it enough for a citizen? What do you feel? What other aspects are essential to make our democracy very close to perfection?
 3. Prepare a collage on vegetation and wildlife of India.
 4. Make a chart of guiding values of the Indian Constitution. How are these values important for us?
 5. Prepare a brief report on the topic-Increasing population leads to unemployment.
 6. Draw all the symbols that conveyed the content of the Declaration of Rights. Also write about these in brief
 7. Make a project on disaster (natural or man-made) and research its causes, consequences and management.
 8. Make a project on farming and non-farming activities of Punjab and Odisha.

PUNJABI

- ❖ ਓਤੋਂਹ ਤੱਕ ਮੁਹਾਵਰੇ ਪੜ੍ਹੇ ਤੇ ਯਾਦ ਕਰੋ।
- ❖ ਵੰਨਗੀ ਪੁਸਤਕ ਦੇ ਕਹਾਣੀ ਭਾਗ ਵਿੱਚੋਂ ਪਾਠ -2 ਤੇ ਇਕਾਂਗੀ ਭਾਗ ਵਿੱਚੋਂ ਪਾਠ 1 ਪੜ੍ਹੋ।

ਕਿਰਿਆਤਮਕ ਗਤੀਵਿਧੀਆਂ:-

- ❖ ਸਮੇਂ ਦੇ ਮਹੱਤਵ ਨੂੰ ਦਰਸਾਉਂਦੀ ਹੋਈ ਕੋਈ ਕਵਿਤਾ ਲਿਖੋ।
- ❖ ਹੱਕ ਜਿਨ੍ਹਾਂ ਦੇ ਆਪਣੇ ਆਪੇ ਲੈਣਗੇ ਖੋਹ। ਕਹਾਣੀ ਜਨਮ ਦਿਨ ਦੇ ਸੰਦਰਭ ਵਿੱਚ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ।
- ❖ ਤਸਵੀਰਾਂ ਲਗਾ ਕੇ ਅਤੇ ਕੁਝ ਸਤਰਾਂ ਵਿੱਚ ਜਾਣਕਾਰੀ ਦੇ ਕੇ ਆਪਣੇ ਬਚਪਨ ਦੀਆਂ ਯਾਦਾਂ ਸਾਂਝੀਆਂ ਕਰੋ।
- ❖ ਕੈਲੀਗਰਾਫੀ- ਗੁਰਬਾਣੀ ਦੀ ਕੋਈ ਤੁੱਕ ਨੂੰ ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਲਿਖੋ।
- ❖ ਮੈਨੂੰ ਪੰਜਾਬੀ ਹੋਣ ਤੇ ਮਾਣ ਹੈ। ਇਸ ਵਿਸ਼ੇ ਤੇ ਕਹਾਣੀ ਲਿਖੋ।

ਨੋਟ:- ਇਹ ਕਿਰਿਆਤਮਕ ਗਤੀਵਿਧੀਆਂ A4 ਸ਼ੀਟ ਤੇ ਕਰਨੀਆਂ ਹਨ।



HINDI

प्रिय विद्यार्थियों !

"शिक्षा हमें पंख देती है, जो हमें ऊँचाइयों तक उड़ने की क्षमता देते हैं।"

समय और शिक्षा का सही उपयोग ही हमें सफल बनाता है है तो समय की उपयोगिता को समझें और गर्मी की छुट्टियों का सदुपयोग करते हुए निम्नलिखित कार्य करें :-

नोट:-

- ❖ दिए गए कार्य के मुद्रित अभिलेख (Printouts) लेकर सुंदर
- ❖ ढंग से पूरा करें। सभी गतिविधियों (Activities) और पूरे कार्य की Assessment दी जाएगी।
- 1) Art Integrated Activity: मानव रचित आपदाओं (Man made disasters) के चित्र चिपकाकर उनका वर्णन करें। (on A4 size sheets)
- 2) Subject Enrichment Activity:- हिंदी साहित्य के किन्हीं चार लेखकों का जीवन परिचय दीजिए चित्र सहित। (on A4 size sheets)
- 3) Subject Enrichment Activity :- कवि रहीम जी का जीवन परिचय देते हुए उनके बारे में लिखिए चित्र सहित (on A4 size sheets)
- 4) 'अ', 'आ', 'क', 'स' से शुरू होने वाले पाँच-पाँच मुहावरे लिखिए।
- 5) 'क्या शांति संभव है' विषय पर 100 शब्दों में अनुच्छेद लिखिए।
- 6) कोई एक लाभकारी पौधा जैसे तुलसी, एलोवेरा, गिलोय या कोई और लगाए और प्रतिदिन उसकी देखभाल करें, अपने अनुभव को साँझा करें, उस पौधे की तस्वीर के साथ। (A4 size sheet)
- 7) 20 उपसर्ग और 20 प्रत्यय शब्द लिखें।

INFORMATION TECHNOLOGY (402)

Use LIBRE OFFICE IMPRESS software for the below activities

Activity 1-

Make a presentation in libre office impress on the topic 'Importance of IT in our daily lives'. Add audios, videos, pictures to make it more impressive. Minimum number of slides - 10

Activity 2-

Make a presentation in libre office impress on the topic 'Cyber Security & Ethical Hacking'. Add audios, videos, pictures to make it more impressive. Minimum number of slides - 10



Use **LIBRE OFFICE WRITER** software for the below activities

Activity 3-

Make a Time Table of your class in Libre Office Writer.

Activity 4-

Make a Summer Camp Poster. Add different images of different activities, colorful texts in it.

Activity 5-

Write a Newspaper article on "India in 2047" using Columns.

Make 3 columns for this article in LibreOffice Writer.

Activity 7-

Create a Report in Writer on topic "Emerging Technologies/Future Technologies" with minimum 3 pages. Format the document with various fonts (Size minimum 12, maximum 18)

The document should include -

- a) A bulleted or numbered list
- b) A relevant picture
- c) An example of word art
- d) A header & footer (page no.)
- e) Background colour/ picture
- f) Borders

Activity 8 -

Make an A3 size chart on the topic "IOT, AR & VR". Use relevant text & picture.

Note- Take the printouts of all these activities on A4 sheet. Submit the Hard Copy to your Subject Teacher.

ARTIFICIAL INTELLIGENCE (417)

PYTHON PROGRAMS

1. Write a Program to Enter your Name, Father's Name, Class, School Name age
2. Write a Python Program to find the Area & Perimeter of Rectangle with Length=45m & Breadth=50m.
3. Write a Python Program to find the Area & Circumference of Circle with Radius= 7m.
4. Write a program for calculating average marks of 3 subjects.
5. Create a program to add three numbers. You can take the values of the numbers on your own.



Activity 1

Make a A3 size chart on Features of Python.

Activity 2 Problem Scoping

- ❖ Fill in the 4Ws problem canvas and a problem statement to learn more about the problem identified in the community/society
- ❖ List down/ Draw a mind map (System Map) of problems related to the selected topic and choose one problem to be the goal for the project

PROJECT - TEACHABLE MACHINE

Create an AI Model using Teachable Machine

(<https://teachablemachine.withgoogle.com/>)

NOTE- Take the printouts of all these activities/ Python Programs on A4 sheet. Submit the Hard Copy to your Subject Teacher.

Hands on Activities

- ❖ AI for Ocean- "helping to conserve oceans is by fighting plastic pollution with machine learning."
(<https://code.org/oceans>)
- ❖ Students to explore Moral Machine (<https://www.moralmachine.net/>) to understand more about the impact of ethical concerns.

INTRODUCTION TO FINANCIAL MARKETS

- ❖ Make a A3 chart on 'Evolution of Money', Refer Chapter-1 of your book.
- ❖ Paste the following printed pictures in your fair notebook of the various forms used for banking activities: -
 - # Pay-in slip
 - # With-drawl form
 - # Cheque
 - # Loan application form
 - # Nomination form
- ❖ Make a Power-Point presentation (**PPT**) on the following topic-
 - # Suppose you want to start up a new business, write your **business idea**, also design your **business visiting card**. (you need to bring hard and soft copy of PPT to the school).
- ❖ Revise the syllabus done till May.



DRAWING

1. Prepare a Paper Craft landscape on A4 Sheet from images sent in your class whatsapp group.
2. Complete your previous work i.e Theory Assignment of Elements of art, as it will be checked after holidays.

HEALTH AND PHYSICAL EDUCATION (HPE)

1. Perform any 5 Yoga Asanas daily.
2. Get up early in the morning and go for a walk and do exercise for half an hour. (Make a video for the same)
3. Prepare a collage/Poster focusing on Health and Wellness.

Hints:

Healthy eating, Exercise, Fitness and lifestyle, Mental Health, Nature Walk etc.

Note:- Video to be shared with HPE Teachers after holidays.

Note: School will reopen on 9th July, 2025