

CLASS = XI Science
Holidays Homework



DIVINE PUBLIC SCHOOL
— PHAGWARA —

Happy
SUMMER
Vacation!

SUMMER VACATION INSTRUCTIONS

-  Do your work **neatly and clean.**
-  Complete your holiday homework **on time.**
-  Do not go out in **direct sunlight**, especially during afternoon hours.
-  Always stay hydrated and drink plenty of water.
-  Eat **healthy and fresh food.**
-  Wear **light cotton clothes.**
-  Follow a **daily routine** and get adequate rest.
-  Spend **quality time** with your family.
-  Read good books and develop new skills.
-  Stay **safe** and enjoy your holidays responsibly.

STAY HYDRATED

SAFETY FIRST, FUN ALWAYS!

Wishing you a joyful, safe and refreshing summer vacation filled with learning, fun and happiness!

LIKE INSTRUCTIONS BY

BIOLOGY

Make an "Investigatory Project" (Spiral Binding) with the following headings:

First Page – Topic, Submitted To, Submitted By

Certificate

Acknowledgement

Contents

Introduction

Theory

Observation

Conclusion

Bibliography

Instructions:

- ✓ Paste related pictures or draw diagrams wherever necessary.
- ✓ Give proper headings with relevant points.
- ✓ Use a hard-cover file with tags and cover it properly.

Physics

1. Complete your Physics Lab Manual.
2. Prepare investigatory project on any one of the topic mentioned in lab manual.
3. Revise the complete PT -1 syllabus thoroughly and practice important questions for better understanding and preparation.

Note: All work should be completed neatly and submitted on time.

Chemistry

1. Complete your chemistry Lab Manual.
2. Prepare investigatory project on any one of the topic mentioned in lab manual.
3. make any one working model according to 11th syllabus (related chemistry subject)
4. Revise the complete PT -1 syllabus thoroughly and practice important questions for better understanding and preparation.

Note: All work should be completed neatly and submitted on time.

Mathematics

1. Solve at least 5 sums of each topic of PT - 1 syllabus. Sums are not taken from books.
2. Prepare a working model on any topic

Note: All work should be completed neatly and submitted on time.

English

1. Reading & Literature From Hornbill and Snapshots

- Chapter Notes: Make detailed notes on any 2 poems + 2 prose pieces from Hornbill. Include theme, summary, poetic devices, and character sketches. –

Book Review: Read any novel/short story collection not in syllabus – The Alchemist, Animal Farm, or Tales from Shakespeare. Write a 250-word review with plot, favorite character, and personal takeaway.

Character Diary: Pick one character from Snapshots. Write 3 diary entries from their perspective showing key events.

ASL – Assessment of Speaking and Listening –

Podcast/Listening Log: Listen to 3 podcasts/TED Talks on topics like motivation, science, or history. Write 5 key points + 1 new idea you learned from each. –

Speaking Preparation: Record a 2-min video on `An Incident That Changed My Perspective`. Submit via link or drive.

Creative & Project Work – Choose 1 - Author Study: Make a project file on one writer from your book – William Wordsworth, Khushwant Singh, etc. Include bio, style, major works, and critical reception.

Travelogue: If you travel during holidays, write a 300-word travelogue with photos. Focus on description, sensory details, and reflection.

Or

Magazine Page: Design an A4 magazine page with a self-composed poem, a mini article, and a word puzzle based on Class XI themes.

Submission Guidelines - All work in a neat project file. Handwritten preferred for writing tasks. - Due date: First week after holidays. - Weightage: Will be counted in Portfolio/Internal assessments.

Computer (IT)

- Do the assignment shared in the class group in your notebook.
- Prepare a chart representing any one emerging trend in technology.
- Prepare a scrap book containing news items related to Cyber Crime / Cyber Safety.
(Take reference from Newspaper/Magazine and paste related News/article.)
- Revise and practice all topics of MySQL discussed in class and Complete unit-1

Painting

Make a Painting On imperial size sheet (half chart size)

1. Still life
2. Landscape
3. Cityscapes

MUSIC (vocal)

1. SELF DETAIL

School Name: Divine Public School, Phagwara

Subject: Music (Vocal)

Class: +1

Name: Roll no: Submitted to:

Submitted by:

2. CERTIFICATE

3. ACKNOWLEDGEMENT

4. INDEX

I. TANPURA ◦

(A) Explanation and Parts of Tanpura

II. RAAGS ◦ ◦

◦ (1) Bihag (2) Bhimpalasi (3) Bhairavi

III. TAALS ◦ ◦ ◦ (1) Teentaal (2) Ektaal (3) Chautaal

5. CONCLUSION 6. BIBLIOGRAPHY 7. TEACHERS REMARK

PHYSICAL EDUCATION

Dear Students,

Complete any ONE of the following activities during your summer vacation. The work should be neat, creative, and submitted in a file or scrapbook after the vacation.

Activity 1: My 10-Day Fitness Challenge

Maintain a fitness diary for 10 days and record the following daily:

- Physical activity/workout performed
- Number of steps walked
- Water intake (glasses per day)
- Sleep hours
- Screen time
- Mood of the day (Happy, Energetic, Tired, etc.)

Also write 2–3 lines daily on:

“What did I learn today about fitness and health?”

Attach one photograph or a small collage related to your fitness activities.

Activity 2: Traditional Games of India Scrapbook

Prepare a scrapbook on any THREE traditional Indian games such as:

- Kho-Kho. • Kabaddi. Gilli Danda
- Tug of War
- Pithoo

For each game include:

- Introduction
- Basic rules
- Skills required
- Benefits of playing
- One drawing or printed picture

Activity 3: My Family Fitness Survey

Conduct a survey of any THREE family members and collect the following information:

- Age
- Daily exercise habits
- Screen time
- Sleeping hours
- Favourite sport/game

Present the information using a simple bar graph or pie chart.

Write a short conclusion:

“How can we improve our family’s fitness habits?”

Activity 4: Creative Poster

Prepare a handmade poster on any ONE topic:

- Fit India, Strong India
- Sports Over Mobile Phones
- Mental Health Through Sports
- A Healthy Student is a Successful Student

Include:

- A catchy slogan
- Attractive drawings
- Colours and creativity

Instructions:

1. Complete only ONE activity.
2. Use an A4-size file or scrapbook.
3. Maintain neatness and proper presentation.
4. Original work will be appreciated.
5. Submit the homework on the first day after summer vacation.



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**HAPPY
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Thank You!

Dear Students,

We hope you enjoyed completing your holiday homework and learning new things during your summer vacation. Your dedication, creativity, and sincere efforts are truly appreciated.

Thank you for using your holidays productively. We look forward to seeing your completed work and hearing about your wonderful vacation experiences.

Wishing you success, happiness, and a great academic year ahead!

With Best Wishes,
Divine Public School, Phagwara

