



Bal Bharati
PUBLIC SCHOOL
NAVI MUMBAI

SUMMER HOLIDAY HOMEWORK 2025-26

CLASS 10

Theme: Digital Odyssey

The theme *Digital Odyssey* symbolizes the adventurous journey through the ever-evolving digital landscape. In an era driven by technological advancements, this odyssey highlights the transformative power of digital tools in shaping communication, creativity, and innovation. It explores the possibilities and challenges of navigating interconnected realms, where knowledge, opportunities, and connections expand at an unprecedented pace. Embarking on this digital voyage invites us to embrace adaptability, foster digital literacy, and unlock the potential to thrive in an increasingly virtual world.

Last date of submission (All Subjects) : 10 June 2025

ENGLISH:

Prepare a foldable storybook representing the transformation of storytelling from traditional formats (books, letters, diaries) to digital mediums (blogs, e-books, AI-generated stories). Through artistic illustrations, depict the impact of digital communication on language, literature, and human expression. Each folded section should showcase a stage of storytelling evolution accompanied by a short story related to it. (Minimum 3 short stories of 50 words each+ Cover Page with Title and illustration)
Materials to be used: A-4 white /colourful sheets/ chart paper, stapler pins, colours, Paints. Project to be filed and submitted.

HINDI:

अवकाशकालीन गृहकार्य

आज विश्व में 'डिजिटल यात्रा' सर्वोपरि है। मानव के जीवन का अविभाज्य भाग बने इस डिजिटल युग से हम कई प्रकार की शिक्षा अर्जित कर रहे हैं। इसी विषय पर ध्यान आकर्षित करते हुए शरीर के अंगों पर आधारित मुहावरों (न्यूनतम ५ मुहावरे) की सचित्र जानकारी देते हुए १ मिनट की रील या वीडियो बनाइए। आपकी रचनात्मकता एवं कलात्मकता को विशेष रूप से सराहा जाएगा।

विशेष सूचना : प्रकल्प कार्य के अंतर्गत प्रत्येक जानकारी जैसे - नाम, अनुक्रमांक, कक्षा, विभाग एवं शीर्षक हिंदी में लिखना अनिवार्य है।

SANSKRIT

ग्रीष्मावकाशकालीनं गृहकार्यम्

साम्प्रतिके विश्वे डिजिटल(अंकीयसंगणकस्य) महत्ता अस्ति। डिजिटल-योजनायाः माध्यमेन सम्पूर्ण-देशस्य सर्वकाराणां कृते उद्देश्यं वर्तते - सर्वकारीय-सेवाः, ऑनलाइन-रूपेण प्रदत्ताः शिक्षा,स्वास्थ्य-सेवायां सुधारणे च , व्यापारिक-आर्थिक-गतिविधिषु प्रोत्साहनं कार्यम्।
एतद्विषयम् एव केन्द्रीकृत्य -

[डिजिटल इण्डिया] इत्यस्य त्रयः लाभाः चित्र-सहितं पी पी टी (PPT) माध्यमेन प्रदर्शयन्तु।
स्वकीयं विवरणमपि विलिख्य (यथा-
नाम.....कक्षा.....वर्गः.....अनुक्रमांकः....) सहितं संस्कृत-गूगल-क्लास रूम इत्यत्र अपलोड कुर्वन्तु (उपारोपयन्तु)।

MARATHI

आपल्या पाठ्यपुस्तकातील कोणताही एक पाठ निवडून त्याची पी. पी. टी./ कार्टून डिजिटल माध्यमाद्वारे तयार करावे.तयार केलेली पीपीटी /कार्टून गुगल क्लास द्वारे सादर करावे.(Can use Canva)

MATHS

Explain use of polynomials in digital technology on A4 sized papers.

Use your imagination and creativity to show its application in real life.

Submit the holiday homework in file with a suitable cover page mentioning the title of the project, your name, roll number and class-section.

SCIENCE

Biology:

Create a digital art piece depicting two diseases of any one of the following Organ-systems

1. Digestive System
2. Respiratory system
3. Circulatory System
4. Excretory System

Use digital tools like photoshop or Canva to create an artistic visual that explains the cause and control measures of the diseases.

Include bright colours, pictures or small illustrations to make it comprehensible.

Chemistry Scrapbook

Create a scrapbook on any one topic given below showing how chemistry has contributed to digital technology.

“The Chemistry of Digital Gadgets”

OR

“How Chemistry Powers the Internet”

OR

Periodic table and its elements in digital devices

OR

Chemical reactions in tech (like batteries and corrosion)

Physics

Create a digital art piece depicting 3 applications of concave mirror and 1 application of convex mirror.

Use digital tools like photoshop or Canva or powerpoint presentation to create an artistic visual that explains each application in a visual way.

Include the schematic Ray diagrams for each of the applications of the spherical mirror.
Also mention the characteristics of the image formed in each case.

Include bright colours, pictures, etc to make it comprehensible.

SOCIAL SCIENCE

Students are required to make a project on:- **Consumer Rights**

Prepare a detailed project on ‘Consumer Rights in India.’ Your project should cover the following points:

- Introduction: What are Consumer Rights? Why are they important?
- Consumer Protection Act: Briefly explain the Consumer Protection Act 2019.
- Consumer Rights: Explain any five key rights of consumers with real-life examples.
- Consumer Awareness: Find and describe two advertisements or campaigns that promote consumer rights.
- Case Study: Research and present one real-life case where a consumer used the law to fight for their rights.
- Conclusion: Why is consumer awareness necessary today?

Instructions:

- Use headings, subheadings, and illustrations (like posters or newspaper clippings).
- The project should be handwritten and between 10–12 pages.
- Include a creative cover page and a bibliography.
- Marks will be awarded for content, presentation, creativity, and originality.

COMPUTER

Students are required to imagine and showcase a typical day in the future where digital technology plays a major role in everyday life — at home, school, work, travel, and more.

1. **Design a Visual Poster on “A Day in My Digital Future”**

- Use **Canva**, **PowerPoint**, or **Google Slides**
- Add key scenes from your story as visuals (with short text)
- Include icons/images of futuristic gadgets and apps
- Make it colourful and imaginative!

2. **Include the Following in Your Work:**

- Your name and class
- A catchy title
- At least 4–5 sections/visuals representing parts of your day
- A mix of text + visuals

3. **Submission:**

- Save as PDF
- Submit in your respective google classroom for computer.

ART : Book cover Design

Design a digital Book cover page of your favourite story and submit a print on A4 size paper

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Ms. Kalpana Dwivedi

Principal, BBPS Navi Mumbai