VIVEKANAND PUBLIC SCHOOL

HOLIDAY HOMEWORK

CLASS X

Dear Students,

As you enjoy your holidays, it is important to stay connected with your studies and use this time productively. The holiday homework is designed to reinforce the concepts taught so far and to encourage creativity and independent thinking. Please follow the instructions carefully:

General Guidelines:

1. Submission Date: All homework must be submitted on 04July2025.
2. Presentation:
   o Work should be neat, legible, and well-organized.
   o Use A4 size sheets (or as directed by each subject teacher).
   o Maintain a proper index and cover page for each subject.
3. Original Work:
   o Avoid copying from the internet or peers.
   o Plagiarized content will not be accepted.
   o Projects and assignments should reflect your own understanding and creativity.

Wishing you a restful and productive holiday!
Make the most of your time and come back refreshed and prepared.

ENGLISH

A. Theme-Based Project File

Choose any one of the following themes:

- Human Values
- Self-Discovery
- Social Issues
- Science Fiction

Project Requirements:

1. Select a lesson from the NCERT book "First Flight" or "Footprints Without Feet" that relates to your chosen theme.

2. Create a project file that includes:
   - A cover page with the theme and lesson title
   - An introduction to the theme and its significance
   - A summary of the chosen lesson
   - Analysis of the theme in the context of the lesson
   - Examples or illustrations that support the theme
   - Conclusion and reflection on the theme's relevance

3. Include visual aids like images, diagrams, or charts to enhance the project.

4. Ensure the project file is well-organized and neatly presented.

Some Suggested Lesson Options

 For *Human Values*

- "A Letter to God" (First Flight)

- "The Sermon at Benares" (First Flight)

For *Self-Discovery*:

- "Two Stories about Flying" (First Flight)

- "From the Diary of Anne Frank" (First Flight)

For *Social Issues*:

- "Nelson Mandela: Long Walk to Freedom" (First Flight)

- "The Proposal" (First Flight)

For *Science Fiction*:

- "A Triumph of Surgery" (Footprints Without Feet)

- "The Book that Saved the Earth" (Footprints Without Feet)

B. **Write at least 3 famous quotes on * Importance of English * on chart paper, each on a separate sheet. Include the quote and it's author.**

(Use colorful markers or decorations to make the quotes visually appealing. Ensure the handwriting is clear and legible.)

C. **Do Assignments on ruled sheets and keep it in the folder.**

Write the answers neatly and attempt all questions.

ASSIGNMENT QUESTIONS TO BE DONE IN CLASS NOTEBOOK:

Please click link to access file:

https://docs.google.com/document/d/1HlrxbvIHgtIsrLJw8rMcTx9SkcpRSor2utqZt9NHtDA/edit?usp=drivesdk

HINDI

प्रश्न1) व्याकरण के किसी एक विषय पर एक वॉल हैंगिंग तैयार करनी है।

पेस्टल शीट पर कोई भी आकार काटिए ।

फिर किसी सुंदर रिबन से उन्हें जोड़िए ।

दिए गए विषय व उसके भेदों के नाम लिखिए।

विषय	अनुक्रमांक
वाक्य अर्थ के आधार पर	1 to 10
संज्ञा व उसके भेद	11 to 20
सर्वनाम वह उसके भेद	21 to 30
विशेषण व उसके भेद	31 onward

रैदास	1 to 8
रहीम	9 to 16
हरिवंश राय बच्चन	17 to 24
रामधारी सिंह दिनकर	25 to 32
महादेवी वर्मा	33 onward

नोट : असाइनमेंट पोर्टफोलियो में लगाए जाएंगे

ASSIGNMENT QUESTIONS TO BE DONE IN CLASS NOTEBOOK:

Please click link to access file:

https://drive.google.com/file/d/1G5pmt5V9RVz1yAw-c7wrZoXFzzMpH57N/view?usp=drivesdk

and

https://drive.google.com/file/d/1GCTvX5G27XjIR5C_fbAnPaBp-JWajp14/view?usp=drivesdk

संस्कृत

खण्ड (क)

प्रश्न 1.- पर्यावरण - वनो की कटाई और पुनर्वनीकरण । (3D MODEL)

प्रश्न 2. विद्या कि महिमा पर कोई दो श्लोक हिंदी व इंग्लिश में अनुवाद करें।

खण्ड (ख)

Link: https://drive.google.com/file/d/1knQW_ibDp19CzMRKQKAy8KraOdjwrbFX/view?usp=drivesdk

MATHEMATICS

Make a colourful attractive file with A4 size sheets and do following.

1 Polynomials   mind map / ppt

2 Quadratic Equations cross word puzzle

3 Coordinate Geometry finding distance between two cities using map of India on Coordinate plane

Do Assignments in assignment register

ASSIGNMENT QUESTIONS TO BE DONE IN CLASS NOTEBOOK:

Please click link to access file:

SOCIAL SCIENCE

1. Prepare project with the given guidelines.
2. Prepare PPT from the History chapter 4 Age of Industrialisation.
3. Do the given Assignments and worksheets on A4 colour ruled sheets.
4. Following work will be done roll.no. wise

Roll.No. 1-10 every student will prepare one 3 D chart of any of the following topics: Gender equality, political parties in India,Rights and laws.
Roll.no. 11-20 working model on political map of India showing any one of the following topics: ports, Airports, Dams, or any topic related to their class syllabus
Roll.no. 21 onwards In group of 5 students prepare model of Supreme Court or Rashtrapati Bhawan, or Parliament

PROJECT WORK ON CONSUMER RIGHTS/SOCIAL ISSUES/SUSTAINABLE DEVELOPMENT
1. Every student has to compulsorily undertake any one project on the following topics
<div align="center">

Consumer Awareness

Or

Social Issues

Or

Sustainable Development
</div>

2. GUIDELINES FOR THE TOPICS
(1). CONSUMER AWARENESS- Your project should reflect the following points-
* Origin of Consumer Rights in India
* Ways in which consumers are exploited.
* Poor Enforcement of rules & regulations in the market
* Ways in which legal institutions help consumers in getting compensated & in upholding their rights.
 * Importance of well-informed consumer & active Participation of people
* Mention few organisations helping consumers in different ways.
* Make a poster along with slogan on a well informed consumer.
*
(2). SOCIAL ISSUES - Your project should include social issue of Poverty or Unemployment & this project should reflect the following points-
* What is Social Issue?
* Meaning of Poverty or Unemployment
* Causes of Poverty or Unemployment
* Map of India showing 5 most affected states.
* Types of Poverty or Unemployment
* Impact on society & country's economy. It should be supplemented with facts& figures
* Indian Government's policy towards mitigating this social issue. h. Make a cartoon along with
   proper conversation on selected social issue.
*
(III). SUSTAINABLE DEVELOPMENT - Your project should reflect the following points-

* Is Sustainable development just about saving the environment or other factors involved in it such as human welfare, construction, politics or economics.
* Different types of activities that fall under sustainable development.
* Any three national sustainable developmental projects.
* Any three international sustainable developmental projects
* Problems & challenges associated with sustainable development.
* Benefits of sustainable development
* Some organisations that are involved in sustainable development.
* Three colourful pamphlets with catchy message on sustainable development.

ASSIGNMENT QUESTIONS TO BE DONE IN A4 Size sheet:

Please click link to access file:

https://docs.google.com/document/d/1dbKECXrn5P4MC9x-ETLMtq-NL-ax5nCSq3WPmWQGvI8/edit?usp=drivesdk

SCIENCE

1) Prepare a Model on Artificial intelligence on topics mentioned below:

A) Disease prediction based on symptoms (**Roll No. 1 to 10)**

B) Smart home energy management system **(Roll No. 11 to 20)**

C) Crop disease detection (**Roll No. 21 to 30)**

D) Traffic flow Prediction and Optimization. (**Roll No. 31 onwards)**

2) Solve the given assignment in your homework notebook.

     ASSIGNMENT QUESTIONS TO BE DONE IN HOMEWORK NOTEBOOK:

Please click link to access file:

https://1drv.ms/w/c/27e21242d6413506/EbJInUeE0oZDq0j4SnlROEQBUmVB_52JWOmCA27D1XRWzw

INFORMATION TECHNOLOGY

Complete practical file from the link given below:

    Link 1:
    https://docs.google.com/document/d/1-wvARh-_L75Wg2rJGdRSKiwjPlVa-Hmz/edit?usp=drive_link&ouid=103861675772245229640&rtpof=true&sd=true
ASSIGNMENT QUESTIONS TO BE DONE IN CLASS NOTEBOOK:

Please click link to access file:

SEWA PROJECT

"Reduce, Recycle, Reuse (the most important 3Rs) – and Now Respect"

Project Overview:

This SEWA project encourages students to practice sustainability through the three vital Rs—Reduce, Recycle, Reuse, and now, Respect—for nature and resources. Divided into three groups, students will creatively engage in hands-on tasks that reflect environmental awareness and responsibility.

Project Guidelines for All Groups:

- Students must work on their assigned activity as per their roll number grouping.

- Projects must be neat, presentable, and include a short explanation (written or oral) of the concept behind their creation.

- All materials used must be eco-friendly or waste items—no new materials should be purchased.

- Students are encouraged to show creativity, teamwork (if working in pairs), and a thoughtful message about sustainability.

Group I (Roll No. 1–15): DIY Eco-Friendly Tote Bags

Project Requirement:

- Old/worn-out T-shirts

- Scissors

- Markers or fabric paint (optional for decoration)

Project Content:

- Convert an old T-shirt into a no-sew tote bag.

- Add designs or eco-messages like "Say No to Plastic" or "I Care for Earth".

- Attach a small label or tag explaining the reuse idea and the 3Rs.

Submission Report Must Include:

- Student name & roll number
- Before and after photos of the T-shirt
- 4–5 lines about why reuse is important

Group II (Roll No. 16–30): Collage on 3Rs Using Newspaper & Water

Project Requirement:

- Old newspapers
- Water & glue (for paper pulp or collage base)
- Chart paper or cardboard backing
- Optional: eco-slogans, sketches

Project Content:

- Create a visually appealing collage showcasing the importance of Reduce, Reuse, and Recycle.
- Use only newspaper to design images, symbols, or keywords around the 3Rs.
- Include one message of "Respect" for the environment.

Submission Report Must Include:

- Student name & roll number
- Title of the collage
- 5–6 sentences explaining what each "R" means and how it can be practiced

Group III (Roll No. 31 onwards): Useful/Decorative Items from Waste

Project Requirement:

- Waste materials (e.g., plastic bottles, cardboard, old clothes, tin cans, etc.)
- Craft supplies (glue, scissors, tape, etc.)
- Label for naming the creation

Project Content:

- Make a useful or decorative classroom item (e.g., pen holder, wall hanging, desk organizer, mini planter).
- Decorate with recycled elements and label the item with an environmental slogan.

- Encourage functionality and creativity.

Submission Report Must Include:

- Student name & roll number
- Materials used (list)
- 4–5 sentences on the inspiration or usefulness of the item

Let's turn the holidays into a joyful journey of fun and discovery — let's do it together!