

BIRLA SCHOOL, PILANI (RW)

Summer Vacation Home assignment (SVHA) session 2025-26 For Class 10

ENGLISH	<p>1. Prepare a portfolio as per the shared document.</p> <p>2. Prepare a travel brochure in pdf format on Nagaland.</p>
HINDI	<p>निर्देश:- दिए गए प्रश्नों को 150 पृष्ठ की नई अभ्यास पुस्तिका (कॉपी) में हल कीजिए।</p> <p>प्रश्न-1 'पर्यावरण संरक्षण' और 'आतंकवाद-एक वैश्विक समस्या' दोनों विषयों पर अनुच्छेद लिखिए। (शब्द सीमा 120)</p> <p>प्रश्न-2 (i) आपके क्षेत्र में आए दिन चोरी की घटनाएं हो रही हैं। इस हेतु अपने थानाध्यक्ष को एक शिकायती पत्र लिखिए। (औपचारिक पत्र) (शब्द सीमा 100)</p> <p>(ii) आप सिटी पैलेस, उदयपुर के अक्षय हैं। इंदौर में रहने वाले अपने मित्र को ग्रीष्मकालीन अवकाश में भ्रमण के लिए आमंत्रित करते हुए पत्र लिखिए। (अनौपचारिक पत्र) (शब्द सीमा 100)</p> <p>प्रश्न-3 'जल संरक्षण' विषय पर एक विज्ञापन तैयार कीजिए। (शब्द सीमा 40)</p>
SANSKRIT	<p>1. उपवन , कक्षा – कक्ष , खेल का मैदान , विद्यालय परिसर के चित्रों के संस्कृत में पाँच – पाँच वाक्य बनाए।</p> <p>2. वृद्धि संधि , अयादि संधि , यण् संधि , पूर्व रूप संधि , जश्त्व संधि और परसवर्ण संधि के मणिका पुस्तक से उदाहरण चुनकर लिखो।</p> <p>3. दस पत्र और दस अपठित गद्यांश का अभ्यास किसी भी व्याकरण की पुस्तक से कीजिए।</p>
MATHEMATICS	<p>1) DO the questions of chapter 1, 2 and 3 of previous year sample paper (2022 to 2024)</p> <p>2) Make a chart on solution of Pair of linear equations in two variables.</p> <p>3) Do any 20 extra questions of chapter 1 to 3.</p>
SOC.SC History&civics	<p>Home Assignment (Interdisciplinary) – Class 10 History</p> <p>Theme: Nationalism and Modern India</p> <p>Chapters Covered:</p> <p>The Rise of Nationalism in Europe</p> <p>Nationalism in India</p> <p>The Making of a Global World</p> <p>Assignment Title: “India’s Struggle for Freedom and Its Global Context”</p>

Objective:

To understand how nationalism in India evolved in connection with global events and movements, using tools from multiple disciplines.

Tasks:

1. History + Political Science

2. Prepare a timeline chart showing major events from India's national movement (1857–1947) alongside major world events (e.g., World Wars, Russian Revolution).

Highlight how global events influenced Indian leaders and strategies.

Deliverable: A neatly drawn timeline on A3 sheet or digital format.

2. History + Geography

On a political map of the world:

Mark colonial powers in 1900 (Britain, France, Portugal, etc.)

Mark countries that were colonies and gained independence between 1900 and 1950.

Mark important trade routes connecting India with the world (as discussed in The Making of a Global World).

Deliverable: Labelled world map with legend and colour coding.

3. History + English

Write a letter from the perspective of a freedom fighter (e.g., Subhas Chandra Bose, Sarojini Naidu, or an unsung hero from your region) to a fellow activist, expressing their hopes, struggles, and the role of youth in India's freedom movement.

Deliverable: 250–300 words handwritten letter (creative writing).

4. History + Art

Create a poster or collage on the theme:

“Unity in Diversity: India's Nationalist Movement”

Include images, slogans, and symbols used during the movement.

Deliverable: A4 or A3 size poster, hand-drawn or collage with minimum 5 historical references.

<p>Geography & Economics</p>	<p>Make a project file on CONSUMER RIGHTS along with the following points : (Eco).</p> <ol style="list-style-type: none"> 1. What are Consumer Rights? Why do we need these rights? 2. Explain all the rights with proper example? 3. What is Consumer Court? Explain Functions of Consumer court. <p>follow all the parts of your project: (not less than 20 pages)</p> <p>Index</p> <p>Certificate</p> <p>Introduction of topic</p> <p>Content (at least 15 pages)</p> <p>Conclusion</p> <p>Bibliography.</p> <p>Project must be handwritten only.</p>
<p>SCIENCE Biology</p>	<p>Q1. A. Draw the diagram given below in an A4 Sheet and label the parts. B. Explain the process of photosynthesis in Autotrophic nutrition given below along with diagram. C. Draw and label the steps of holozoic nutrition in Amoeba.</p> <p>Q2. Topic: life processes Now this is time to show our creativity, along with the learning. We are going to learn science in colourful or creative manner. So in science we are going to learn about many life processes essential for life for all living organisms. In holiday homework you all have to make model/ collage/ of A4 size with any material like chart paper, or any waste material. In this regard you can take subtopic of the topic, like 1. DIGESTIVE SYTEM OF HUMAN BEING 2. RESPIRATORY SYSTEM 3. EXCRETORY SYSTEM(Nephron or kidney) 4. Circulatory system 03. The partially digested food coming from the stomach of a person enters a long and narrow organ A in the body. The organ A receives the secretions of two glands C and D. C secretes a greenish yellow liquid E which is stored in the organ F. D secretes a juice G which contains H, I, and J . The intestinal juice completes the process of digestion of food. The inner wall of organ A has millions of tiny finger like projections called K which help in the rapid absorption of food. The undigested part of food then passes into wider tube called L which absorbs most of the water from undigested food. The last part of tube L called M stores the undigested food for some time. The undigested food is then passed out through opening N as faeces in the process known as O. Name A,B,C,D,E,F,G,H,I,J,K,L,M,N,O.</p>

Chemistry	<p>Summer Vacation Assignment</p> <p>Note- Solve all question on Chemistry Notebook only</p> <p>Q1. Define any 5 types of chemical reactions with examples.</p> <p>Q2. Define redox reaction with any two daily life examples.</p> <p>Q3. Define the term Rancidity with daily life examples.</p>
Physics	<p>1. Life history and contribution in Science of Physicist on chart paper.</p> <p>2. Project Model of Physics Working.</p> <p>3. Ray diagram of concave and convex mirror on a chart paper.</p> <p>Total - 8 diagrams. Only 4 diagram On each chart paper.</p>
A.I.	<p>Theme: AI with Ethics – Let’s Build a Better Future</p> <p>Instructions: Complete all tasks creatively and neatly. Use your own words, connect your ideas with real-life examples or other subjects (like science, social studies, or art), and get ready to present task of your choice after the holidays.</p> <p>1. The Life of an AI Model (Science + AI + Art)</p> <p>Draw a creative flowchart or comic strip to explain the 6 stages of the AI model life cycle. Use a real-life example like a weather prediction app or a self-driving car. Label each stage clearly and describe it in 1–2 sentences.</p> <p>2. Poster on Bioethics (Science + Art)</p> <p>Design a poster to raise awareness about Bioethics in AI and Technology. Include:</p> <ul style="list-style-type: none"> · A title (like “Humans First, always!” or “Ethics in AI Healthcare”) · One example of bioethical use of AI (e.g., AI in medicine) · A message or slogan to promote responsible AI use
MUSIC	<p>Learn and Write 2 patriotic songs and 2 Bhajans.</p>



BIRLA SCHOOL, PILANI

A century old heritage residential CBSE school for boys

PORTFOLIO

OUR VISION

Birla School, Pilani aims to be a trailblazing institution that nurtures globally responsible citizens with roots in Indian values.

OUR MISSION

Birla School, Pilani, is dedicated to shaping students into impactful global citizens who embrace diversity, lead with empathy, and uphold strong ethical values, ensuring they thrive as both accomplished individuals and compassionate human beings.

PORTFOLIO

1: Myself

Name		PASTE PHOTO HERE
Class /Section		
Admission Number		
Date of Birth		
Residence		
Father`s Name		
Mother`s Name		
Residential Address		
Telephone No		
Email ID		
Details of siblings		
Any other details		

2: MY HEALTH

My height	
My weight	
My blood group	
Vision	
Teeth	
Oral hygiene	
Specific ailments if any	
Steps I should take to be more healthy.	

3: Self-awareness sheet

My aim: -

Interest and hobbies:

My likes and dislikes:

My good qualities: - Eg [Creativity, Curiosity, Open-Mindedness, Love of Learning, Bravery, Persistence, Integrity, Love, Kindness, Leadership.....etc.]

**Areas where I feel I require improvement:- Eg [lack of concentration, lack of confidence
Lack of time management, stubborn, negativity..... etc.]**

Responsibilities discharged:

Achievements:

Three physical qualities I like about myself [eg: hair, height, smile etc]

4: Thinking skills

Answer briefly based on the areas you mentioned you require improvement.

Did you ever feel this problem can be solved? Give reasons.

Do you take help from others to solve this problem? if you did, how did they guide you ?

Were you able to find a solution for this problem finally?

Were you able to find more than one alternative to solve this problem?

When you worked on a solution did you think on improving on the solution?

While making a decision, do you tell others why you decided so?

While working and deciding in groups, do you support your friend's decision and try to make them work?

5: Social skills

Ways in which you help your friends:

How do you show your feelings to your friends and teachers? Do you find it easy to show?

How do you show your respect to your teachers, parents & elders?

If somebody asks you to change the channel to watch their favourite program on TV or ask you to leave the window seat for them while travelling, what will be your reaction?

Do you actively take part in group conversation?

Do you listen carefully when others talk to you even if you don't agree with them completely?

Do you agree with whatever your friends say to avoid conflict?

**Which among these do you think you use the most in order to express your ideas while talking
Facial expression, gestures, eye contact, or a combination of all these?**

What are some of the social problems you are concerned about?

As a student, what are the ways in which you can think of saving the environment?

6: Emotional skills

Do you confide your feelings to your teachers and friends?

What are some of the positive [good] emotions you feel?

What are some of the negative emotions you feel?

How do you express these negative emotions?

Do you feel stressed in your daily life? [like about your performance at school , about your relationship with your friends, about your relationship with your family members etc]

Have you lost control/felt lonely/have gained or lost weight/slept more or less than normal during these stressful times?

Do you talk about your stresses to your friends / teachers?

What creative things do you do to cope up with stress?

7: Socially Useful Productive Task

Has working in groups helped you in innovativeness and meeting deadlines? If yes how?

How far are you motivated and involved with socially useful task? Are you able to guide and help other friends who require help in finishing their task?

How far your involvement in socially useful task helped you in solving real life problems? Eg [solving problems related to electrical gadgets, managing PSA system, making gift items and decorative show pieces etc]

**If you have created anything innovative describe the way in which you made it?
[You may even paste a photo of the object you made]**

8: Visual art/performing art

My participation in art activities / co-curricular activities /literary/ drama/ music/ Pentangular and club activities

TERM-I	Participation	
	Achievements, if any	
TERM-II	Participation	
	Achievements, if any	

9: Physical and Health Education

My participation in sports /NCC/NSS/scouting and guiding/Swimming/ Gymnastics/ Yoga /First Aid/Gardening/Shramdaan

TERM-I	Participation	
	Achievements, if any	
TERM-II	Participation	
	Achievements, if any	

10. SCIENCE EXHIBITION / OLYMPIAD ACTIVITIES

INFORMATION OF OTHER SUBJECT	Participation	
	Achievements, if any	

11: ATTITUDE AND VALUES

My attitude towards my teacher	
My attitude towards my friends	
My attitude towards school programmes and environment	
My participation in morning assembly /National festivals	
My experience as a club member	
Participation in exhibition / Olympiad	
My contribution in improving /beautification/ discipline of my class	
My contribution to school magazine/e-magazine/newsletter/ class magazine	
My achievements in Co-Curricular competitions	
My achievements in inter school competitions	
My achievements in regional level competitions	
My achievements in national level competitions	
Any other outstanding achievements	

PHOTOGRAPH OF ACTIVITY DONE BY YOU

A large, empty rectangular box with a black border, intended for a photograph of the activity done by the user. The box occupies the majority of the page below the header.

CERTIFICATE RECEIVED BY YOU



