



# D Y PATIL INTERNATIONAL SCHOOL, BOKARO

Vidya Yihar Complex, Talgaria Road, Alkusa-827013  
(Affiliated to C.B.S.E, New Delhi, up to +2 level, Affiliation no. 3430753)

## HOLIDAY HOMEWORK (SUMMER VACATION)

SESSION: 2026-27

<u>GRADE -.VII</u>	
<b>SUBJECT</b>	<b>TOPIC</b>
<b>ENGLISH</b>	<p>Complete the following holiday homework neatly in your English notebook/project file.</p> <p style="text-align: center;"><b>Literature Section</b></p> <p style="text-align: center;">Read all the chapters thoroughly. Write the summary of poem in about 80–100 words. Learn and write the meanings of 10 new words from each lesson. Frame meaningful sentences using those words. Write a short paragraph on the theme of the poem Imagination. Draw and colour your favourite scene from any one chapter and describe it in 5–6 lines.</p> <p style="text-align: center;"><b>Grammar Section</b></p> <p style="text-align: center;">Write 15 examples each of: Proper Nouns Common Nouns Collective Nouns</p> <p style="text-align: center;">Write 15 sentences using different pronouns. Write 15 adjectives and use them in sentences. Make a colourful chart showing the three degrees of comparison with examples.</p> <p style="text-align: center;"><b>Writing Section</b></p> <p style="text-align: center;">1. Letter Writing Write an informal letter to your friend describing how you are spending your summer vacation.</p> <p style="text-align: center;">2. Summary Writing Write a short summary of your favourite storybook or movie in about 100 words.</p> <p style="text-align: center;"><b>Activity Work</b></p> <p style="text-align: center;">Collect information about dragons from storybooks, mythology, or different countries and write a brief paragraph with suitable pictures or drawings.</p> <p style="text-align: center;"><b>Speaking Activity</b></p> <p style="text-align: center;">Speak in English daily for at least 5 minutes with your family or friends to improve fluency and confidence.</p> <p style="text-align: center;"><b>Instructions</b></p> <p style="text-align: center;">Complete all work neatly in your own handwriting. Decorate your project file creatively. Revise all grammar topics regularly. Submit the holiday homework on the reopening day positively. Happy Holidays and Happy Learning!</p>
<b>SCIENCE</b>	<p><b>BIOLOGY</b></p> <p>1. On a large chart paper, prepare a memory map of “Nutrition in Plants”. Paste the pictures of some heterotrophic animals as examples and write their names.</p> <p>2. On an A4 size chart paper, paste or draw parasite and saprophyte, and write their differences.</p>

3. Make a model showing the process of "Photosynthesis".
4. With the help of thermocol, make a model showing "Nutrition in Amoeba".
5. On a large chart paper, draw the human digestive system and label it.
6. Write and learn 10 internal questions and their answers from Lesson-2 "Nutrition in Animals".

### **PHYSICS**

1. India is dreaming of "solar power for sustainable future". Draw and write about different application of solar power.

[in physics note-book]

2. "We often use electricity and fuels like coal and wood to keep our houses cool or warm". Is it possible to construct buildings that are not affected much by heat or cold outside?

Search, draw picture and write that in support of the above statement.

[in physics note-book]

### **Chemistry**

#### **I. Fill in the blanks**

1. \_\_\_\_\_ are sour in taste.
2. \_\_\_\_\_ are used to determine if a solution is acid or base.
3. Ant bite contains \_\_\_\_\_.
4. Vinegar contains \_\_\_\_\_.
5. Lactic acid is present in \_\_\_\_\_.
6. Phenolphthalein & methyl orange are the two most commonly used synthetic \_\_\_\_\_.
7. Litmus, turmeric and China rose are the \_\_\_\_\_ indicators.

#### **II. Multiple choice questions**

1. Which of the following is acidic in nature?  
(a) Lime water (b) Human blood (c) Lemon Juice (d) Antacid
2. Which of the following is a property of acid?  
(a) Sour taste (b) Sweet taste (c) Bitter taste (d) Salty taste
3. The acid produced naturally in our stomach is-  
(a) tartaric acid (b) citric acid (c) hydrochloric acid (d) sulfuric acid
4. Which of the following is not a mineral acid?  
(a) Hydrochloric acid (b) Sulphuric acid (c) Nitric acid (d) Citric acid
5. The sharp pain caused by the sting of red ants, nettle  
(a) acetic acid (b) tartaric acid (c) ascorbic acid (d) formic acid

#### **III. Short Answer type questions**

1. Write the physical properties of an acid.
2. Differentiate between natural & mineral acids.
3. Write the name of three mineral acids and three organic acids.
4. Why are acids not stored in metal containers?
5. Write the names & chemical formulas of two strong & weak acids.
6. Write three uses of the following acids -  
a) Hydrochloric acid  
b) Sulphuric acid  
c) Nitric acid
7. Pickles are never stored in metal containers. What could be the reason for this?

	<p>8. Name the acid present in lemon, curd, tamarind, vinegar, guava, spinach &amp; tomatoes.</p> <p>9. What are indicators? Give an example of a natural indicator and a synthetic indicator?</p>
<p><b>S.ST.</b></p>	<p>Students of Class VII are required to prepare a theme-based Social Science model as part of holiday homework in accordance with activity-based and experiential learning guidelines. The activity aims to develop creativity, research skills, practical understanding, and presentation skills.</p> <p style="text-align: center;">Theme: “Exploring India Through Models”</p> <p>Students will prepare models according to the roll number-wise topic allotment given below.</p> <p style="text-align: center;">Topic Allotment Roll No. 1–4 Geography Model</p> <p>Prepare a clay or thermocol model showing the Physical Divisions of India. Roll No. 5–10 History Model</p> <p>Prepare clay models of five different types of coins or seals used in Ancient India. Roll No. 11 onwards Civics Model</p> <p>Prepare a Rotating Wheel Model showing the different types of government.</p> <p style="text-align: center;">Instructions:</p> <ul style="list-style-type: none"> <li>• Models should be neat, creative, and properly labelled.</li> <li>• Students may use clay, thermocol, cardboard, colours, charts, or other suitable materials. <ul style="list-style-type: none"> <li>• A small write-up should be attached including: <ul style="list-style-type: none"> <li>o Topic Name</li> <li>o Materials Used</li> <li>o Short Explanation of the Model</li> </ul> </li> <li>• The work should reflect originality, creativity, and research-based learning.</li> <li>• Parents may guide, but the work should mainly be done by the student.</li> <li>• Viva/Presentation to be conducted after submission.</li> </ul> </li> </ul> <p>2. Complete Civics chapter 1 Types of Government Book</p> <p>Excercise as discussed in class in Civics classwork copy .</p>
<p><b>MATHS</b></p>	<p>1. Solve the Let's practice that are given at the end of each chapter.</p> <p style="text-align: center;">[in Maths HW note-book] Chapter 1- let's practice(pg.31/32) Chapter 2- let's practice(pg.53)</p> <p>2. Prepare a model to show “3-Dimensional shapes and structure”. Name that as 3-D model City/ Maths. City/ Geometry city.</p>

	<p>3. Go to market, purchase a Namkeen (of your choice). Then note down the following:  Marked price (MRP)  Price on which you purchase it.  The discount amount you get.  You will find that the shopkeeper is giving you the namkeen in price less than the MRP.  Did the shopkeeper is selling the namkeen less than the purchase price.  Study the above and write the definition and formulae of following:  Cost price (CP)  Marked price (MRP)  Selling price (SP)  Gain /profit  Loss</p> <p>[in Maths (HW) note-book]</p>
<p><b>COMPUTER</b></p>	<p>❖ ANSWER THE FOLLOWING QUESTIONS:-</p> <ol style="list-style-type: none"> <li>1) What is a printer ? What are its types ?</li> <li>2) Explain the three functions of a scanner .</li> <li>3) How is a web camera useful to us ?</li> <li>4) Explain the working principle of a laser printer .</li> <li>5) What is meant by flash drive ? why is it so popular ?</li> <li>6) Write a note all -in-One Printer .</li> <li>7) What is Solid State Drive (SSD) . How it different from Hard disk ? Explain.</li> <li>8) Name the all types of Malware and explain them.</li> <li>9) Why do people create and spread viruses ?</li> <li>10)What happens when a Threat is Detected ?</li> </ol>
<p><b>HINDI</b></p>	<p>1 - व्याकरण के पठित सभी पाठों के पुस्तकीय कार्यों को पूर्ण करें ।  2 - " स्वर संधि के भेदों "को एक मॉडल के माध्यम से दर्शाएँ ।  3 - मेरी /मेरे दादी जी /दादाजी के के विषय पर एक सचित्र अनुच्छेद लिखें ।  4 - दिन x रात, अमीर X गरीब विलोम शब्द ) आस -पास, साथ-साथ , रातों-रात ,दिनों -दिन ( शब्द -युग्म )का प्रयोग करते हुए वाक्य बनाएं ।</p> <p>Note : क्रम 3 और 4के गृह कार्यों को अपनी व्याकरण पुस्तिका में करें ।</p>
<p><b>SANSKRIT</b></p>	<p>शब्दरूप -मति,साधु व्याकरण कॉपी में लिखकर याद करें।  धातुरूप -पा,भू धातुरूप कॉपी में लिखकर याद करें  जन्तुशाला पर एक मॉडल तैयार करें।</p>

