

**DAV BURHAR PUBLIC SCHOOL, BURHAR**

**DISTRICT – SHAHDOL (MP)**

**1<sup>st</sup> Assignment Session 2026 – 27**

**Date of Submission – 20<sup>th</sup> June 2026**

**Class – X**

<b>S. No.</b>	<b>Subject</b>	<b>Teacher</b>	<b>Assignment</b>	<b>Approx Time</b>
<b>1</b>	Hindi	Dr. Shanti Chaturvedi	<p>1. साक्षात्कार (इंटरव्यू)- अपने परिवार के किसी वरिष्ठ सदस्य का इंटरव्यू लें और उनके साथ अपना संबंध बताते हुए पूछे गए 10 प्रश्न व उनके उत्तर लिखें। आप अपना अनुभव संक्षेप में बताते हुए उनके साथ अपनी तस्वीर भी लगाइए ।</p> <p>2. संज्ञा, सर्वनाम, विशेषण, क्रिया, क्रिया विशेषण तथा काल की परिभाषा और उनके प्रकारों के नाम लिखें।</p> <p>3. 'माँ' पर आधारित एक मौलिक कविता लिखें साथ ही उनके साथ अपनी तस्वीर भी लगाइए ।</p> <p>4. स्वच्छ भारत : स्वस्थ भारत पर एक विज्ञापन बनाएं और स्लोगन लिखे ।</p> <p><b>(सभी कार्य फाइल में करें।)</b></p>	<p>10 Min</p> <p>15 Min</p> <p>20 Min</p> <p>30 Min</p>
<b>2</b>	English	Mrs. Deepika Pachisia	<p>1. Create a mini newspaper with a funny name . It may include some news regarding your holidays, some add of your favourite food product . Also add travelogue and your travel itinerary to it</p> <p><b>Note- make it in such a way that you may use it in your portfolio file later</b></p>	5-7hr
<b>3</b>	Mathematics	Mr. Ashish Tiwari	<p>1. Prepare a chart on prime numbers from 1 to 200.</p>	2Hrs

			<ol style="list-style-type: none"> <li>2. Prove that prime number under the radical sign is always irrational number.</li> <li>3. Find the H.C.F of 234 and 560 by prime factorization method.</li> <li>4. Find L.C.M of 86 and 54 by prime factorization method.</li> <li>5. Prove that product of LCM and HCF of any two numbers is equal to product the numbers.</li> <li>6. Conduct a survey via phone or in-person of 20 people regarding their daily screen time.Group the data into classes then find the Mean , Median and Mode.</li> </ol>	<p>15 min</p> <p>15 min</p> <p>10 min</p> <p>15 min</p> <p>5 Hrs</p>
4	Social Science	Mr. Rakesh Kumar Tiwari	<ol style="list-style-type: none"> <li>1. Prepare a model of Indian Parliament or Symbols of Political Parties using clay/ rice/ colored papers or any other innovative idea.</li> <li>2. Write/ paste (in previous years copy) weekly News headlines of one month. (Must mention dates)</li> <li>3. Visit any historical or tourist place and prepare a survey report. Also collect its pics and photographs.</li> <li>4. Read Rise of Nationalism in Europe (Chapter 1 of History) and Power Sharing of Democratic Politics and prepare its notes or PPT.</li> <li>5. Collect at least five duplicate products or adulterated materials from the market and prepare a survey report on the exploitation of consumers. Suggest some legal rights to protect the Consumers.</li> <li>6. Plant a plant and send its selfie pic on 5th June in the Class group. Draw slogans to Save Environment or Importance of Plantation.</li> </ol>	<p>10 days</p> <p>15 mnts per day (8 days)</p> <p>10 days</p> <p>10 days</p> <p>3 days</p>
5	Economics	Mr. Javed Miyandad	<b>Objective:</b> To explore real-world economic scenarios, understand basic concepts, and analyze economic issues.	2 Hrs

			<p><b>Topic: "The Role of the Service Sector in India's Economic Growth"</b></p> <ol style="list-style-type: none"> <li>Cover aspects like: <ul style="list-style-type: none"> <li>IT sector, tourism, banking, healthcare</li> <li>Employment generation</li> <li>Challenges &amp; future prospects</li> </ul> </li> <li>Format: <ul style="list-style-type: none"> <li>Introduction, Data Analysis (graphs/tables), Conclusion (5-7 pages)</li> </ul> </li> </ol>	
<b>6</b>	Physics		<ol style="list-style-type: none"> <li>Prepare a chart display of all the cases of image formation by concave and convex mirror/lens and it's used along with proper neat ray diagrams of the same.</li> <li>DIY Simple Circuit - Use a battery, wires, and bulbs to make a working circuit. Explain Series and Parallel connections.</li> <li>Record the usage of 5 household electrical appliances for 3 days. Calculate estimated power consumption.</li> <li>Ask your parents how electricity was used differently when they were children. Present findings in a short paragraph.</li> <li>Read chapter Light and prepare 20 Questions which are frequently asked in board examination.</li> </ol>	5 HRS
<b>7</b>	Chemistry	Mr. JBS Thakur	<ol style="list-style-type: none"> <li>Write 25 chemical reactions and balance them. Also mention proper reaction conditions and physical states of each of them.</li> <li>Classify above reactions as it's type (Decomposition reaction, Displacement reaction, Combination reaction and Double Displacement reaction).</li> <li>Make a working model of electrolysis of water</li> </ol>	5 HRS
<b>8</b>	Biology	Mrs. Sakshi Dwivedi	<ol style="list-style-type: none"> <li>High Order Thinking questions (HOTs);</li> </ol>	24 hours.

a) **The “Traffic Jam” scenario**

Imagine a person has a rare condition where their circulatory system moves at half its normal speed, but their respiratory system and digestive system are working at 100%. Explain why this person would feel exhausted even if they just ate a large meal and are breathing deeply.

b) **The shared Highway**

The villi in the small intestine and the alveoli in the lungs are shaped very differently, but they perform the exact same “engineering trick” for the circulatory system. Identify this trick and explain what would happen to a human’s size if these structures were perfectly flat instead of folded/branched.

2. The case study study: “Breathless Marathoner”

**The situation:**

Rahul is a 55-year-old man who recently started training for a 5 km run. However, he has noticed that whenever he exerts himself, he feels an unusual tightness in his chest, and his heart rate stays high for a very long time after he stops. He also notices that his ankles are swollen by the end of the day. A doctor discovers that Rahul’s heart valves are not closing completely and his blood pressure is consistently 150/95 mmHg.

3. **Identify the condition:**

- a) Based on the chest tightness and high blood pressure, what is the clinical term for Rahul’s consistent blood pressure reading and which specific type of blood vessels is under the most stress in this condition?
- b) Which blood vessels take away impure blood from the right chamber of heart to lungs?
- c) Explain the situation that Rahul is facing due to extreme high blood pressure. Which

			chamber is under the higher pressure of blood. 4. Make model of any one of following system; Digestive system, Respiratory system and Circulatory system.	
9	Sanskrit	Mr. Parmanand Sharma	<p>1 “त्याग के समान कोई सुख नहीं है” इस पर आधारित एक सचित्र कथा कापी पर लिखना एवं कक्षा में सुनाना ।</p> <p>2 “शब्दकोष निर्माण” संस्कृत में 50 नये शब्द अन्य पुस्तकों से छाँटकर लिखें एवं याद करें तथा कक्षा में सुनायें ।</p> <p>3 पाठ्यपुस्तक पठितांश पाठ से स्वर, व्यंजन, एवं विसर्ग सन्धि के 10-10 उदाहरण छाँटकर लिखें एवं विच्छेद करें</p> <p>4 विषयगत अन्य पुस्तकों को पढ़कर कोई 10 सुभाषित श्लोक कापी में लिखें एवं कण्ठस्थ कर कक्षा में सुनायें ।</p> <p>5 “समयलेखन” रंगीन सचित्र सज्जीकृत चार्टपेपर पर घड़ी बनाकर सपाद, सार्ध, पादोन, एवं वादने को अंकित करना।</p> <p>6 “चित्रवर्णनम्” (कोई 03 ) कापी में</p> <p>7 कोई 10 सूक्तिकापी में लिखें एवं याद कर कक्षा में सुनायें।</p> <p>8 संवाद लेखन ( कोई 02 )</p> <p>9 चित्रकथा लेखन ( कोई03 )</p> <p>10 पठितांश पाठों में आये अव्ययपदों को छाँटकरलिखना । (कोई 15)</p>	<p>30 मिनट</p> <p>30 मिनट</p> <p>30 मिनट</p> <p>45 मिनट</p> <p>30 मिनट</p> <p>45 मिनट</p> <p>45 मिनट</p> <p>30 मिनट</p> <p>45 मिनट</p> <p>45 मिनट</p> <p>30 मिनट</p>
10	Drawing	Mr, Jay Vishwakarma	<p>1 Realistic artistic drawing, Knowledge of Traditional Paintings, Life Hacks</p> <p>2 <a href="#">Link</a> <a href="#">Face drawing</a> , <a href="#">Side face</a> , <a href="#">Character design</a> , <a href="#">Tanjore painting</a> , <a href="#">Kalamkari</a> , <a href="#">Landscape 1</a> , <a href="#">Landscape 2</a> , <a href="#">Illustration by Imagination</a> , <a href="#">Raja Ravi Verma</a> , <a href="#">Rogan Art</a> , <a href="#">Patt Chitra</a> , <a href="#">Indian Art Introduction</a> , <a href="#">Life hack 1</a> , <a href="#">Life hack 2</a> , <a href="#">Life hack 3</a></p>	

<b>11</b>	Music	Mr. Rahul Tiwari	<p>हिन्दी प्रार्थना -</p> <ol style="list-style-type: none"> <li>1 ईश्वर शीश झुकाते हैं हम.. ।</li> <li>2 ऐ मालिक तेरे बन्दे हम..।</li> <li>3 सुबह सवेरे लेकर तेरा नाम..।</li> <li>4 English Prayer- God is always near me.</li> </ol> <p>प्रार्थना सभा में मैं गाई जाने वाली सारी प्रार्थना 🖐 एवं गाए जाने वाले सारे मंत्रों को साफ़ शुद्ध उच्चारण के साथ गा-गाकर कंठस्थ करें।</p>	
<b>12</b>	Computer	Mr. Vijay Tiwari	<ol style="list-style-type: none"> <li>1. PPT for any of the Summar Trip</li> <li>2. Complete the Notes of Writer on the Topic Images Templates</li> </ol>	2 Days
<b>13</b>	Library	Mr. Navneet Sharma	Read a Book (in any language) and Write its Review.	